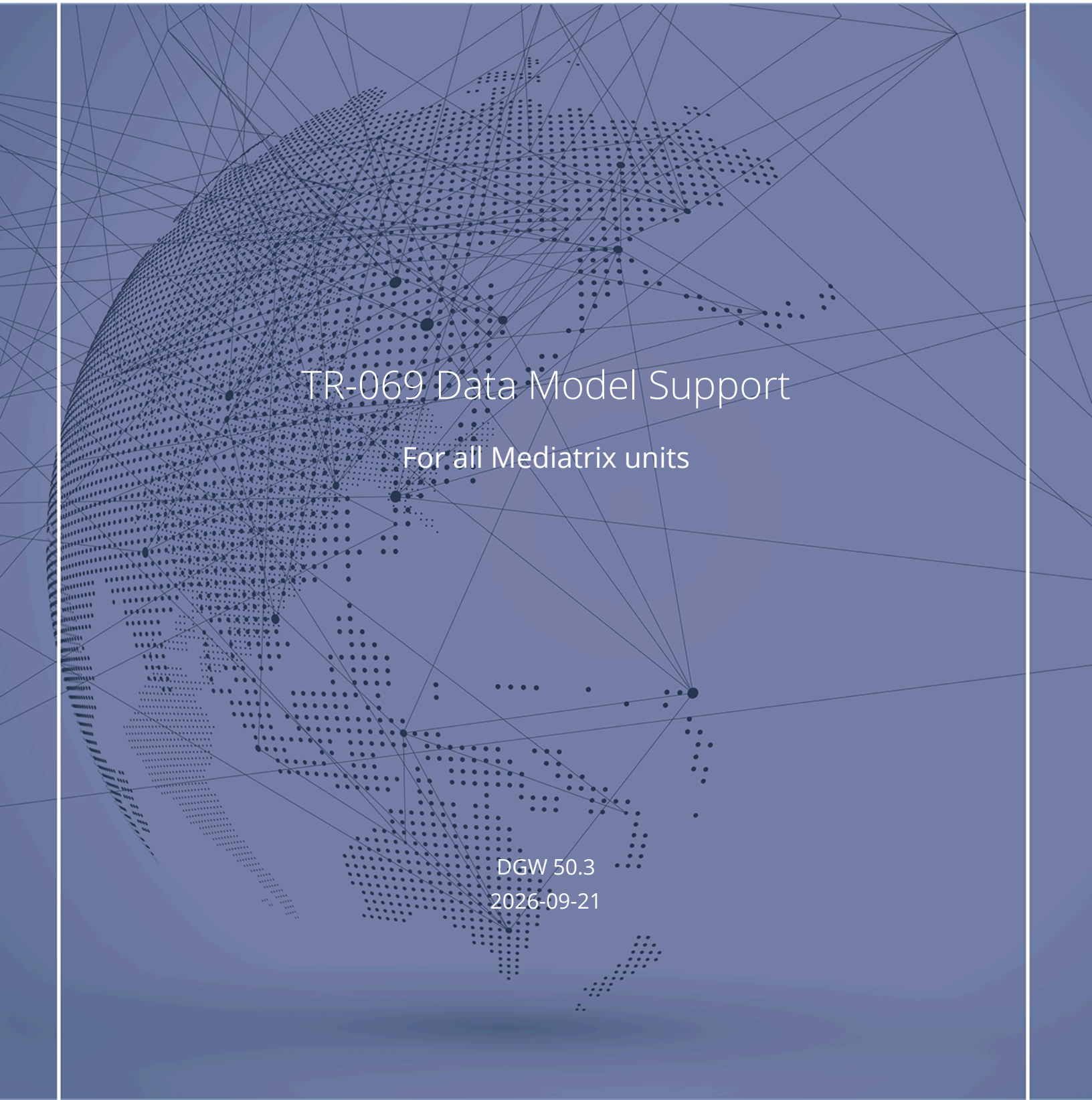
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TR-069 Data Model Support

For all Mediatrix units

DGW 50.3

2026-09-21

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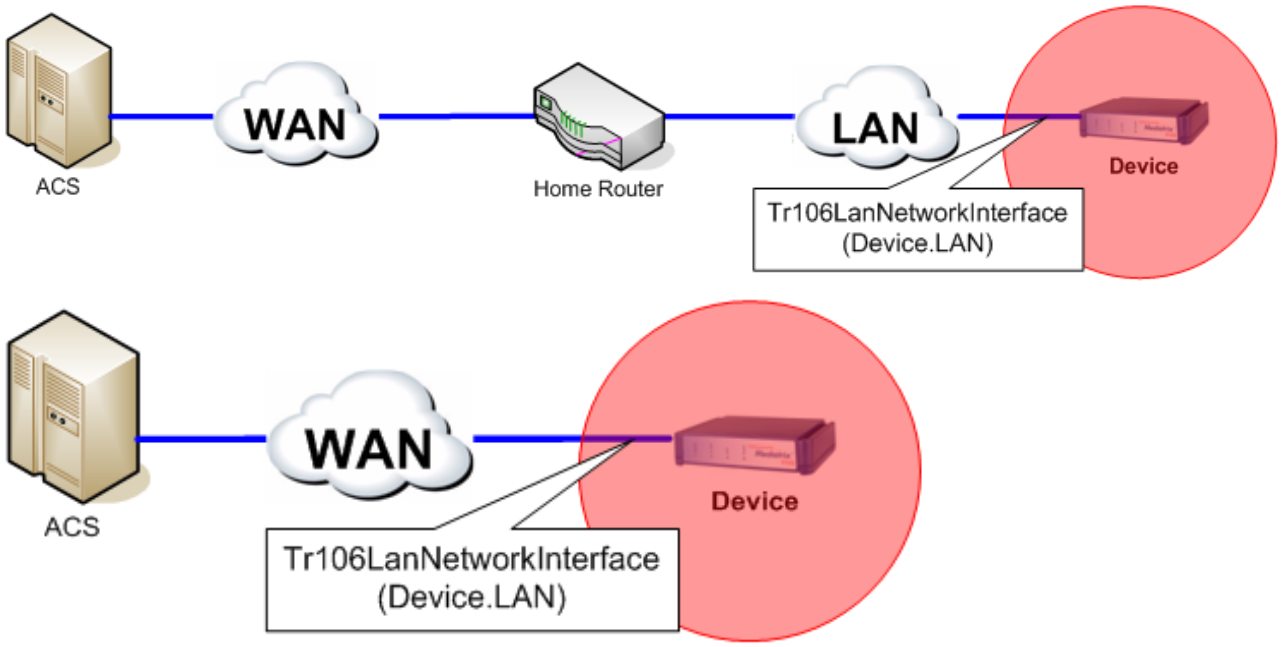
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Device Profile

The Cwmp service supports the data model template for device (TR-106) if the RootElement is set to ' Device'



A TR-106 device is a CPE device residing in the home network. This device has a single network interface connected on the LAN side of the home router or directly on the Internet. The **Tr106LanNetworkInterface** parameter identifies that network interface.

- Supported data model for the Device:1 object:
  - Baseline:1
  - LAN:1
  - Time:1
  - VoiceService:1 (Partial Support)
  - GatewayInfo:1

Supported Parameters for the GatewayDevice Object

Note: Parameters not present are not supported.

Note: When Write parameters are read, an empty value is returned.

Note: The **Notification** column refers to the maximum level of notification allowed for the parameter. Unless stated otherwise, the parameter notifications are turned off by default.

Name	Access	Notification
Device.	Present	N/A
	The top-level object for a Device.	
DeviceSummary	Read-only	Always Passive
	Explicit summary of the top-level data model of the device, including version and profile information. Returns the 'Device:1.0[](Baseline:1)' value.	
Device.DeviceInfo.	Present	N/A
Manufacturer	Read-only	Passive
	The manufacturer of the CPE. Returns the value of the **HiddenManufacturer** hidden parameter.	
ManufacturerOUI	Read-only	Passive
	Organisation unique identifier of the device manufacturer. Represented as a six hexadecimal digit value, using all upper-case, and including any leading zeros. Returns the '0090F8' string.	
ModelName	Read-only	Passive
	Model name of the CPE. Returns the value of the **Dcm.UnitInfoProductName** parameter.	
Description	Read-only	Passive
	A full description of the CPE device. Returns the value of the concatenation (separated by spaces) of the following parameters: • **Dcm.UnitInfoProductName**. • **Fpu.MfpInstalledInfo.MfpVersion** (first row). • **Fpu.MfpInstalledInfo.MfpProfileName** (first row). This is the same value as the system description in SNMP.	
ProductClass	Read-only	Passive

Name	Access	Notification
	Identifies the class of product for which the serial number applies to. Returns the value of the **Dcm.UnitInfoProductName** parameter.	
SerialNumber	Read-only	Passive
	Serial number of the CPE. Returns the value of the **Dcm.UnitInfoSerialNumber** parameter.	
HardwareVersion	Read-only	Always Passive
	Identifies the particular CPE model and version. Returns the value of the concatenation (separated by a space) of the following parameters: • **Dcm.UnitInfoProductName** parameter. • **Dcm.UnitInfoHardwareRevision** parameter.	
SoftwareVersion	Read-only	Always Active
	Identifies the software version currently installed on the CPE. Returns the value of the **Fpu.MfpInstalledInfo.MfpVersion** parameter (first row).	
DeviceStatus	Read-only	Passive
	Current operational status of the device. Returns the 'UP' string when the device is up.	
UpTime	Read-only	Passive
	Time in seconds since the CPE was last restarted. Returns the system uptime in seconds. Uses the same time source as the SNMP and Web system uptime.	
VendorLogFileNumberOfEntries	Read-only	Passive
	Returns the number of entries of the **DeviceInfo.VendorLogFile.{i}.** table.	

Name	Access	Notification
Device.DeviceInfo.VendorLogFile.{i}.	Present	N/A
	Table of log files. This table is informational only and does not allow the ACS to operate on these files in any way. Returns the vendor log files table, each table entry represents a Vendor log file.	
Name	Read-only	None
	Returns the Vendor log file name.	
MaximumSize	Read-only	None
	The maximum size of the log file in bytes. When the maximum file size is not defined, the value is '0'.	
Persistent	Read-only	None
	When the value is 'true', the log file contents are preserved when the device is restarted. When the value is 'false', the log file contents are deleted when the device is restarted.	
Device.GatewayInfo. [1]	Present	N/A
	This object contains information associated with a connected Internet Gateway Device.	
ManufacturerOUI	Read-only	Active
	Organizationally unique identifier of the associated Internet Gateway Device. An empty string indicates that there is no associated Internet Gateway Device that has been detected. Returns the **GatewayManufacturerOui** value received via the suboption 4 of the 'Vendor-Specific Information'. Returns an empty value if the contents of the suboption is not present or incorrect.	
ProductClass	Read-only	Active

[1] *The GatewayInfo object and all its parameters are only available if the TR-069 annex F option is enabled.*

Name	Access	Notification
	Identifier of the product class of the associated Internet Gateway Device. An empty string indicates either that there is no associated Internet Gateway Device that has been detected, or the Internet Gateway Device does not support the use of the **ProductClass** parameter. Returns the **GatewayProductClass** value received via the suboption 6 of the 'Vendor-Specific Information'. Returns an empty value if the contents of the suboption is not present or incorrect.	
SerialNumber	Read-only	Active
	Serial number of the associated Internet Gateway Device. An empty string indicates that there is no associated Internet Gateway Device that has been detected. Returns the value of **GatewaySerialNumber** parameter received via the suboption 5 of the 'Vendor-Specific Information'. Returns an empty value if the contents of the suboption is not present or incorrect.	
Device.Time.	Present	N/A
	This object contains the parameters related to the NTP or SNTP time client on the CPE.	
NTPServer1	Read/Write	Active
	First NTP timeserver. Either a host name or IP address. Returns the value of the **Hoc.SntpServersInfo[Priority=1].HostName** parameter. Sets the value of the **Hoc.StaticSntpServers[Priority=1].HostName** parameter and sets the value of the **Hoc.SntpConfigSource** parameter to 'Static'.	
NTPServer2	Read/Write	Active
	Second NTP timeserver. Either a host name or IP address. Returns the value of the **Hoc.SntpServersInfo[Priority=2].HostName** parameter. Sets the value of the **Hoc.StaticSntpServers[Priority=2].HostName** parameter.	
NTPServer3	Read/Write	Active

Name	Access	Notification
	Third NTP timeserver. Either a host name or IP address. Returns the value of the **Hoc.SntpServersInfo[Priority=3].HostName** parameter. Sets the value of the **Hoc.StaticSntpServers[Priority=3].HostName** parameter.	
NTPServer4	Read/Write	Active
	Fourth NTP timeserver. Either a host name or IP address. Returns the value of the **Hoc.SntpServersInfo[Priority=4].HostName** parameter. Sets the value of the **Hoc.StaticSntpServers[Priority=4].HostName** parameter.	
CurrentLocalTime	Read-only	Passive
	The current date and time in the CPE's local time zone. Returns the value of the **Hoc.SystemTime** parameter.	
LocalTimeZone	Read/Write	Active
	The local time zone definition. Returns and sets the value of the **Hoc.StaticTimeZone** parameter.	
Device.LAN.	Present	N/A

Name	Access	Notification
	This object contains parameters related to the IP-based LAN connectivity of a device. Returns the informations of the network interface used by the device for connecting to the ACS. • The CPE uses the network interface configured in **Cwmp.TR106LanNetworkInterface** parameter if not empty. • Otherwise, the CPE uses the network interface configured in **Cwmp.NetworkInterface** parameter if not empty. • Otherwise, the CPE uses the network interface configured in **Hoc.ManagementInterface** parameter. • If the value of the **Hoc.ManagementInterface** parameter is set to 'All', use the network interface used for contacting the ACS.	
AddressingType	Read-only	Passive
	The method used to assign an address to this interface. Returns 'DHCP' if the value of the **Bni.NetworkInterface.ConnectionType** parameter is 'ipDhcp'. Returns 'Static' if the value of the **Bni.NetworkInterface.ConnectionType** parameter is 'ipStatic'. Returns an empty string if the **Bni.NetworkInterface.ConnectionType** parameter contains any other value.	
IPAddress	Read-only	Always Active

Name	Access	Notification
	The current IP address set on this interface. Returns the IP address from the **Bni.NetworkInterfacesStatus.IpAddr** parameter.	
SubnetMask	Read-only	Passive
	The current subnet mask set to this interface. Returns the IP address mask from the **Bni.NetworkInterfacesStatus.IpAddr** parameter.	
DefaultGateway	Read-only	Passive
	The IP address of the current default gateway for this interface. Returns the default gateway from the **Hoc.DefaultRouterInfo** parameter.	
DNSServers	Read-only	Passive
	List of DNS server IP addresses for this interface. Returns the list of DNS server IP addresses, separated by a coma, defined in the **Hoc.DnsServersInfo** parameter.	
MACAddress	Read-only	Always Active
	The physical address of this interface. Returns the value of the **Dcm.unitInfoMacAddress** parameter.	
Device.LAN.Stats.	Present	N/A
	This object contains statistics for the network interface used for connecting the device to the ACS.	
ConnectionUpTime	Read-only	Passive

Name	Access	Notification
	The time in seconds during which this network interface has been connected. • If the network interface is using DHCP, this is the time that the DHCP client has been only in the Bound or Renewing states and the lower-layer interface has continuously maintained a link. • If the network interface is using static addressing, this is the time that the lower-layer interface has continuously maintained a link. Returns the value of the **Bni.NetworkInterfacesStatus.ConnectionUptime** parameter.	
TotalBytesSent	Read-only	Passive
	Total number of IP payload bytes sent over this interface since the device was last restarted, as specified in the **DeviceInfo.UpTime** parameter. Returns the value of the **Bni.InterfaceStatistics.TxBytes** parameter.	
TotalBytesReceived	Read-only	Passive
	Total number of IP payload bytes received over this interface since the device was last restarted, as specified in the **DeviceInfo.UpTime** parameter. Returns the value of the **Bni.InterfaceStatistics.RxBytes** parameter.	
TotalPacketsSent	Read-only	Passive
	Total number of IP packets sent over this interface since the device was last restarted, as specified in the **DeviceInfo.UpTime** parameter. Returns the value of the **Bni.InterfaceStatistics.TxPackets** parameter.	
TotalPacketsReceived	Read-only	Passive

Name	Access	Notification
	Total number of IP packets received over this interface since the device was last restarted, as specified in the **DeviceInfo.UpTime** parameter. Returns the value of the **Bni.InterfaceStatistics.RxPackets** parameter.	
Device.ManagementServer.	Present	N/A
	This object contains parameters relating to the CPE's association with an ACS.	
URL	Read/Write	Passive
	URL used to connect the CPE to the ACS using the CPE WAN Management Protocol. This parameter supports only a valid HTTP or HTTPS URL. Returns the value of the **AcsStaticUrl** parameter if the value of the **AcsUrlConfigSource** parameter is set to 'Static'. Otherwise, returns an empty string. When receiving a `SetParameterValues` command: • If the value is empty, the value of the **AcsStaticUrl** parameter is set to empty and the value of the **AcsUrlconfigSource** parameter is set to 'Dhcp'. • When the value is not empty, the value of the **AcsStaticUrl** parameter is set to the new value and the **AcsUrlConfigSource** parameter is set to 'Static'.	
Username	Read/Write	Passive
	Username used to authenticate the CPE when making a connection to the ACS using the CPE WAN Management Protocol. This username is only used for HTTP-based authentication of the CPE. Returns and sets the value of the **Username** parameter.	
Password	Write	Passive

Name	Access	Notification
	Password used to authenticate the CPE when making a connection to the ACS using the CPE WAN Management Protocol. This password is only used for HTTP-based authentication of the CPE. Returns an empty string. Sets the value of the **Password** parameter.	
PeriodicInformEnable	Read/Write	Passive
	Whether or not the CPE must periodically send CPE information to the ACS by calling the Inform method. Returns and sets the value of the **PeriodicInformEnable** parameter.	
PeriodicInformInterval	Read/Write	Passive
	The duration in seconds of the interval for which the CPE will attempt to connect with the ACS and call the Inform method. Applicable only if the value of the **PeriodicInformEnable** parameter is 'Enable'. Returns and sets the value of the **PeriodicInformInterval** parameter.	
PeriodicInformTime	Read/Write	Passive
	An absolute time reference in UTC to determine when the CPE will initiate the Inform method. When the Inform method is called, it occurs at this reference time plus or minus an integer multiple of the **PeriodicInformInterval** parameter. The Unknown Time value indicates that no particular time reference is specified. That is, the unit locally chooses the time reference and only needs to follow the specified **PeriodicInformInterval** parameter. If absolute time is not available to the unit, its periodic Inform behavior is the same as if the **PeriodicInformTime** parameter was set to the Unknown Time value, i.e '0001-01-01T00:00:00Z'. Returns and sets the value of the **PeriodicInformTime** parameter.	
ParameterKey	Read-only	Always

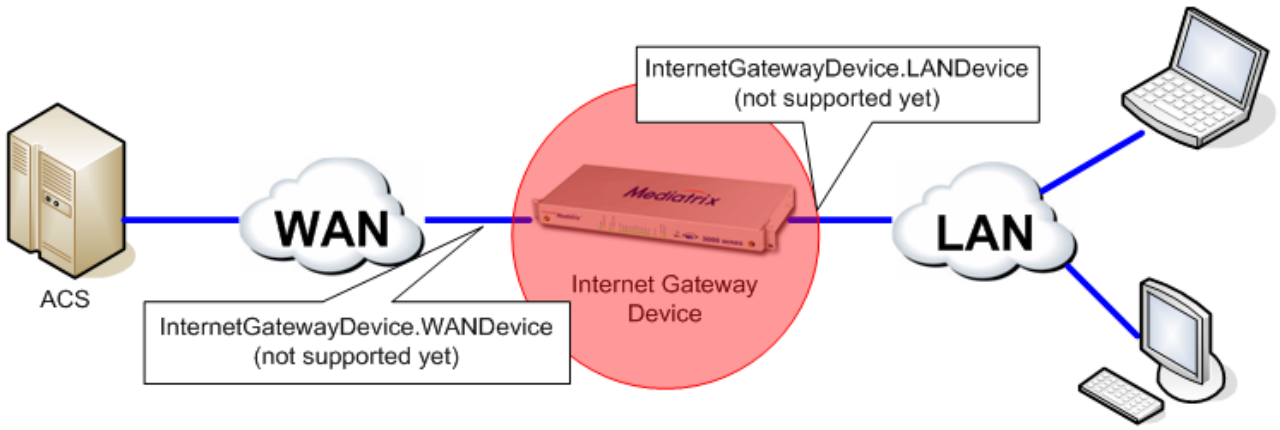
Name	Access	Notification
	Returns the last value set by the ACS in the last SetParameterValues, AddObject, or DeleteObject method call. This value is saved in an internal database. The value of the **ParameterKey** parameter is initially set to an empty string and reset to an empty string on a factory default reset.	
ConnectionRequestURL	Read-only	Always Active
	The HTTP URL used by the ACS to make a **Connection Request** notification to the CPE. Returns the 'http://[host]:[port]' value where: • host: The IP address of the management interface. If listening on all interfaces, the IP address of the interface used when contacting the ACS. • port: The value of the **ListeningPort** parameter.	
ConnectionRequestUsername	Read/Write	Active
	Username used to authenticate an ACS making a Connection Request to the CPE. Returns the value of the **Cwmp.ConnectionRequestUsername** parameter.	
ConnectionRequestPassword	Write	Passive
	Password used to authenticate an ACS making a Connection Request to the CPE. Returns an empty string. Sets the value of the **Cwmp.ConnectionRequestPassword** parameter.	
UpgradesManaged	Read/Write	Passive
	Indicates whether or not the ACS will manage upgrades for the CPE. The parameter is supported, but the functionality is not implemented. Returns the last value set by the ACS. This value is saved in an internal database. The value is initially set to 'false' and reset to 'false' on a factory default reset.	

Name	Access	Notification
UDPConnectionRequestAddress	Read-only	Active
	The public IP address and port of the unit to use for external UDP connection requests. This address is found in the STUN binding response.	
STUNEnable	Read/Write	Active
	Enables or disables the use of STUN by the CPE. This applies only to the use of STUN in association with the ACS to allow UDP Connection Requests. Returns the value of the **Cwmp.Tr111StunEnable** parameter.	
STUNServerAddress	Read/Write	Active
	Host name or IP address of the STUN server used by the CPE to send Binding Requests if STUN is enabled via the **STUNEnable** parameter. If the value of the **STUNServerAddress** parameter is empty and the value of the **STUNEnable** parameter is 'Enable', then the CPE uses the address of the ACS extracted from the host portion of the ACS URL. Otherwise, the value of the **STUNServerAddress** parameter is used by the CPE to send Binding Requests. Returns the address part of the **Cwmp.Tr111StunServerHost** parameter.	
STUNServerPort	Read/Write	Active
	Port number of the STUN server used by the CPE to send Binding Requests if STUN is enabled via the **STUNEnable** parameter. By default, this is 3478, i.e. the default STUN port. Returns the port part of the **Cwmp.Tr111StunServerHost** parameter.	
NATDetected	Read-only	Active

Name	Access	Notification
	When STUN is enabled, this parameter indicates whether or not the CPE has detected the address and/or the port mapping in use. A 'True' value indicates that the received MAPPED-ADDRESS in the most recent Binding Response differs from the CPE's source address and port. Returns 'True' if the value of the **Cwmp.Tr111NatDetected** parameter is set to 'yes'. Returns 'False' otherwise or when the STUN is disabled.	
STUNMinimumKeepAlivePeriod	Read/Write	Active
	Configures the first session retry wait interval, in seconds. If STUN is enabled, the minimum period, in seconds, during which the **STUN Binding Requests** may be sent by the CPE for the purpose of maintaining the STUN connection. Returns the minimal value of the **Cwmp.Tr111StunKeepAlivePeriod** parameter.	
STUNUsername	Read/Write	Active
	The value of the **STUN USERNAME** attribute to be used in Binding Requests when STUN is enabled. If the value of the **STUNUsername** parameter is empty, the CPE sends the **STUN Binding Requests** without the **STUN USERNAME** attribute. Returns and sets the value of the **Cwmp.Tr111StunUsername** parameter.	
Device.Services.	Present	N/A
Refer to the Services Parameters (p.29) table.		

Gateway Profile

The Cwmp service supports the data model template for internet gateway device (TR-98) if the RootElement is set to ' InternetGatewayDevice'.



The Internet Gateway Device is a CPE device at the frontier of the home network and the public Internet. It normally implements at least 2 network interfaces, one for the WAN and one for the LAN.

Supported Parameters for the GatewayDevice Object

Note: Parameters not present are not supported.

Note: When Write parameters are read, an empty value is returned.

Note: The **Notification** column refers to the maximum level of notification allowed for the parameter. Unless stated otherwise, the parameter notifications are turned off by default.

Name	Access	Notification
InternetGatewayDevice.	Present	N/A
	The top-level object for an Internet Gateway Device.	
DeviceSummary	Read-only	Passive
	Explicit summary of the top-level data model of the device, including version and profile information. Returns the 'InternetGatewayDevice:1.0[](Baseline:1)' value.	
LANDeviceNumberOfEntries	Read-only	Not supported
	Number of instances of the LANDevice object. Returns '0'.	
WANDeviceNumberOfEntries	Read-only	Not supported
	Number of instances of the WANDevice object. Returns '0'.	
InternetGatewayDevice.DeviceInfo	Present	N/A
	This object contains general device information.	
Manufacturer	Read-only	Passive
	The manufacturer of the CPE. Returns the value of the **HiddenManufacturer** hidden parameter.	
ManufacturerOUI	Read-only	Passive
	Organisation unique identifier of the device manufacturer. Represented as a six hexadecimal digit value, using all upper-case, and including any leading zeros. Returns the '0090F8' string.	
ModelName	Read-only	Passive
	Model name of the CPE. Returns the value of the **Dcm.UnitInfoProductName** parameter.	
Description	Read-only	Passive

Name	Access	Notification
	A full description of the CPE device. Returns the value of the concatenation (separated by spaces) of the following parameters: • **Dcm.UnitInfoProductName**. • **Fpu.MfpInstalledInfo.MfpVersion** (first row). • **Fpu.MfpInstalledInfo.MfpProfileName** (first row). This is the same value as the system description in SNMP.	
ProductClass	Read-only	Passive
	Identifies the class of product for which the serial number applies to. Returns the value of the **Dcm.UnitInfoProductName** parameter.	
SerialNumber	Read-only	Passive
	Serial number of the CPE. Returns the value of the **Dcm.UnitInfoSerialNumber** parameter.	
HardwareVersion	Read-only	Always Passive
	Identifies the particular CPE model and version. Returns the value of the concatenation (separated by a space) of the following parameters: • **Dcm.UnitInfoProductName** parameter. • **Dcm.UnitInfoHardwareRevision** parameter.	
SoftwareVersion	Read-only	Always Active
	Identifies the software version currently installed on the CPE. Returns the value of the **Fpu.MfpInstalledInfo.MfpVersion** parameter (first row).	
SpecVersion	Read-only	Passive

Name	Access	Notification
	Represents the version of the specification implemented by the device. Returns '1.0'.	
ProvisioningCode	Read/Write	Active
	Identifies the primary service provider and other provisioning information. Returns the last value set by the ACS. This value is saved in an internal database. The value is initially set to an empty string and also reset to an empty string on a factory default reset.	
UpTime	Read-only	Passive
	Time in seconds since the CPE was last restarted. Returns the system uptime in seconds. Uses the same time source as the SNMP and Web system uptime.	
VendorLogFileNumberOfEntries	Read-only	Passive
	Returns the number of entries of the **DeviceInfo.VendorLogFile.{i}.** table.	
InternetGatewayDevice.DeviceInfo.{i}.	Present	N/A
	Table of log files. This table is informational only and does not allow the ACS to operate on these files in any way. Returns the vendor log files table, each table entry represents a Vendor log file.	
Name	Read-only	None
	Returns the Vendor log file name.	
MaximumSize	Read-only	None
	The maximum size of the log file in bytes. When the maximum file size is not defined, the value is '0'.	
Persistent	Read-only	None
	When the value is 'true', the log file contents are preserved when the device is restarted. When the value is 'false', the log file contents are deleted when the device is restarted.	

Name	Access	Notification
InternetGatewayDevice.Manageme	Present	N/A
	This object contains parameters relating to the CPE's association with an ACS.	
URL	Read/Write	Passive
	URL used to connect the CPE to the ACS using the CPE WAN Management Protocol. This parameter supports only a valid HTTP or HTTPS URL. Returns the value of the **AcsStaticUrl** parameter if the value of the **AcsUrlConfigSource** parameter is set to 'Static'. Otherwise, returns an empty string. When receiving a `SetParameterValues` command: • If the value is empty, the value of the **AcsStaticUrl** parameter is set to empty and the value of the **AcsUrlconfigSource** parameter is set to 'Dhcp'. • When the value is not empty, the value of the **AcsStaticUrl** parameter is set to the new value and the **AcsUrlConfigSource** parameter is set to 'Static'.	
Username	Read/Write	Passive
	Username used to authenticate the CPE when making a connection to the ACS using the CPE WAN Management Protocol. This username is only used for HTTP-based authentication of the CPE. Returns and sets the value of the **Username** parameter.	
Password	Write	Passive
	Password used to authenticate the CPE when making a connection to the ACS using the CPE WAN Management Protocol. This password is only used for HTTP-based authentication of the CPE. Returns an empty string. Sets the value of the **Password** parameter.	
PeriodicInformEnable	Read/Write	Passive

Name	Access	Notification
	Whether or not the CPE must periodically send CPE information to the ACS by calling the Inform method. Returns and sets the value of the **PeriodicInformEnable** parameter.	
PeriodicInformInterval	Read/Write	Passive
	The duration in seconds of the interval for which the CPE will attempt to connect with the ACS and call the Inform method. Applicable only if the value of the **PeriodicInformEnable** parameter is 'Enable'. Returns and sets the value of the **PeriodicInformInterval** parameter.	
PeriodicInformTime	Read/Write	Passive
	An absolute time reference in UTC to determine when the CPE will initiate the Inform method. When the Inform method is called, it occurs at this reference time plus or minus an integer multiple of the **PeriodicInformInterval** parameter. The Unknown Time value indicates that no particular time reference is specified. That is, the unit locally chooses the time reference and only needs to follow the specified **PeriodicInformInterval** parameter. If absolute time is not available to the unit, its periodic Inform behavior is the same as if the **PeriodicInformTime** parameter was set to the Unknown Time value, i.e '0001-01-01T00:00:00Z'. Returns and sets the value of the **PeriodicInformTime** parameter.	
ParameterKey	Read-only	Always
	Returns the last value set by the ACS in the last SetParameterValues, AddObject, or DeleteObject method call. This value is saved in an internal database. The value of the **ParameterKey** parameter is initially set to an empty string and reset to an empty string on a factory default reset.	
ConnectionRequestURL	Read-only	Always Active

Name	Access	Notification
	The HTTP URL used by the ACS to make a **Connection Request** notification to the CPE. Returns the 'http://[host]:[port]' value where: • host: The IP address of the management interface. If listening on all interfaces, the IP address of the interface used when contacting the ACS. • port: The value of the **ListeningPort** parameter.	
ConnectionRequestUsername	Read/Write	Active
	Username used to authenticate an ACS making a Connection Request to the CPE. Returns the value of the **Cwmp.ConnectionRequestUsername** parameter.	
ConnectionRequestPassword	Write	Passive
	Password used to authenticate an ACS making a Connection Request to the CPE. Returns an empty string. Sets the value of the **Cwmp.ConnectionRequestPassword** parameter.	
UpgradesManaged	Read/Write	Passive
	Indicates whether or not the ACS will manage upgrades for the CPE. The parameter is supported, but the functionality is not implemented. Returns the last value set by the ACS. This value is saved in an internal database. The value is initially set to 'false' and reset to 'false' on a factory default reset.	
UDPConnectionRequestAddress	Read-only	Active
	The public IP address and port of the unit to use for external UDP connection requests. This address is found in the STUN binding response.	
STUNEnable	Read/Write	Active

Name	Access	Notification
	Enables or disables the use of STUN by the CPE. This applies only to the use of STUN in association with the ACS to allow UDP Connection Requests. Returns the value of the **Cwmp.Tr111StunEnable** parameter.	
STUNServerAddress	Read/Write	Active
	Host name or IP address of the STUN server used by the CPE to send Binding Requests if STUN is enabled via the **STUNEnable** parameter. If the value of the **STUNServerAddress** parameter is empty and the value of the **STUNEnable** parameter is 'Enable', then the CPE uses the address of the ACS extracted from the host portion of the ACS URL. Otherwise, the value of the **STUNServerAddress** parameter is used by the CPE to send Binding Requests. Returns the address part of the **Cwmp.Tr111StunServerHost** parameter.	
STUNServerPort	Read/Write	Active
	Port number of the STUN server used by the CPE to send Binding Requests if STUN is enabled via the **STUNEnable** parameter. By default, this is 3478, i.e. the default STUN port. Returns the port part of the **Cwmp.Tr111StunServerHost** parameter.	
NATDetected	Read-only	Active
	When STUN is enabled, this parameter indicates whether or not the CPE has detected the address and/or the port mapping in use. A 'True' value indicates that the received MAPPED-ADDRESS in the most recent Binding Response differs from the CPE's source address and port. Returns 'True' if the value of the **Cwmp.Tr111NatDetected** parameter is set to 'yes'. Returns 'False' otherwise or when the STUN is disabled.	
STUNMinimumKeepAlivePeriod	Read/Write	Active

Name	Access	Notification
	Configures the first session retry wait interval, in seconds. If STUN is enabled, the minimum period, in seconds, during which the **STUN Binding Requests** may be sent by the CPE for the purpose of maintaining the STUN connection. Returns the minimal value of the **Cwmp.Tr111StunKeepAlivePeriod** parameter.	
STUNUsername	Read/Write	Active
	The value of the **STUN USERNAME** attribute to be used in Binding Requests when STUN is enabled. If the value of the **STUNUsername** parameter is empty, the CPE sends the **STUN Binding Requests** without the **STUN USERNAME** attribute. Returns and sets the value of the **Cwmp.Tr111StunUsername** parameter.	
InternetGatewayDevice.Time.	Present	N/A
	This object contains parameters relating to the NTP or SNTP time client on the CPE.	
NTPServer1	Read/Write	Active
	First NTP timeserver. Either a host name or IP address. Returns the value of the **Hoc.SntpServersInfo[Priority=1].HostName** parameter. Sets the value of the **Hoc.StaticSntpServers[Priority=1].HostName** parameter and sets the value of the **Hoc.SntpConfigSource** parameter to 'Static'.	
NTPServer2	Read/Write	Active
	Second NTP timeserver. Either a host name or IP address. Returns the value of the **Hoc.SntpServersInfo[Priority=2].HostName** parameter. Sets the value of the **Hoc.StaticSntpServers[Priority=2].HostName** parameter.	
NTPServer3	Read/Write	Active

Name	Access	Notification
	Third NTP timeserver. Either a host name or IP address. Returns the value of the **Hoc.SntpServersInfo[Priority=3].HostName** parameter. Sets the value of the **Hoc.StaticSntpServers[Priority=3].HostName** parameter.	
NTPServer4	Read/Write	Active
	Fourth NTP timeserver. Either a host name or IP address. Returns the value of the **Hoc.SntpServersInfo[Priority=4].HostName** parameter. Sets the value of the **Hoc.StaticSntpServers[Priority=4].HostName** parameter.	
CurrentLocalTime	Read-only	Passive
	The current date and time in the CPE's local time zone. Returns the value of the **Hoc.SystemTime** parameter	
InternetGatewayDevice.Services.	Present	N/A
Refer to the Services Parameters (p.29) table.		

Services Parameters

Unless otherwise specified, {i} = 1

Name		Access	Notification
VoiceService.{i}.[2]		Present	N/A
	The top-level object for a CPE with voice capabilities. {i} is limited to '1' in current implementation.		
VoiceServiceNumberOfEntries		Read-only	None
	The number of entries in the **VoiceService** table. Returns '1'.		
VoiceService.{i}.Capabilities.		Present	N/A
	The overall capabilities of the VoIP CPE. {i} is limited to 1 in current implementation.		
MaxProfileCount		Read-only	None
	Maximum supported number of distinct profiles. Returns '1'.		
MaxLineCount		Read-only	None
	Maximum supported number of lines for all profiles. Returns the number of ports on the CPE device.		
SignalingProtocols		Read-only	None
	List of supported signaling protocols. Returns 'SIP/2.0' value.		
VoiceService.{i}.Capabilities.SIP.		Present	N/A
	SIP-specific capabilities. {i} is limited to '1' in current implementation.		
Role		Read-only	None
	The role of this VoIP CPE. Returns 'UserAgent' value.		
Transports		Read-only	None
	List of supported SIP transport protocols. Returns 'UDP, TCP, TLS' value.		
URISchemes		Read-only	None

[2] *This object and its parameters are only available if the TR-104 option is enabled.*

Name		Access	Notification
	List of supported URI schemes beyond the URI schemes required by the SIP specification. Returns 'sip' value.		
VoiceService.{i}.VoiceProfile.{i}		Present	N/A
	Object associated with a collection of voice lines with common characteristics. Both {i}s are limited to 1 in current implementation.		
Reset		Read/Write	None
	When the value is set to 'true', all lines of the profile are forced to be reset, causing the unit to be reinitiatlised and all start-up actions, such as registration, to be performed. This restarts SipEp service. Always returns false, i.e '0'.		
VoiceService.{i}.VoiceProfile.{i}.SIP.		Present	N/A
	Voice profile parameters that are specific to SIP user agents. Both {i}s are limited to '1' in current implementation.		
ProxyServer		Read/Write	None
	Host name or IP address of the SIP proxy server. An intermediary entity that acts as both a server and a client for the purpose of making requests on behalf of other clients. A proxy server primarily plays the role of routing, which means its job is to ensure that a request is passed on to another entity that can further process the request. Proxies are also useful for enforcing policy and for firewall traversal. A proxy interprets, and, if necessary, rewrites parts of a request message before forwarding it. Returns and sets the host part of the **SipEp.DefaultStaticProxyHomeDomainHost** parameter. Setting a new value to this parameter triggers a non-graceful service restart.		
ProxyServerPort		Read/Write	None
	Destination port to be used when connecting to the SIP server. Returns and sets the port of the **SipEp.DefaultStaticProxyHomeDomainHost** parameter. Setting a new value to this parameter triggers a non-graceful service restart.		
RegistrarServer		Read/Write	None

Name		Access	Notification
	Host name or IP address of the SIP registrar server. A registrar is a server that accepts REGISTER requests and places the information it receives in those requests into the location service for the domain it handles. Returns and sets the host part of the **SipEp.DefaultStaticRegistrarServerHost** parameter. Setting a new value to this parameter triggers a non-graceful service restart.		
RegistrarServerPort		Read/Write	None
	Destination port to be used in connecting to the SIP registrar server. An empty string or '0' indicates that the CPE will use the default value, i.e '5060'. Returns and sets the port of the **SipEp.DefaultStaticRegistrarServerHost** parameter. Setting a new value to this parameter triggers a non-graceful service restart.		
UserAgentDomain		Read/Write	None
	CPE domain string. This value is saved in an internal database. The value is initially set to an empty string and reset to an empty string on a factory default reset. If an empty string is specified, the SIP listening IP address is used. This value is set to the **SipEp.UserAgent.ContactDomain** parameter when no specific URI domain is specified by the ACS (see .VoiceService.{i}.VoiceProfile.{i}.Line.{i}.SIP.URI Returns the last value set by the ACS. Setting a new value to the **UserAgentDomain** parameter triggers a registration refresh.		
UserAgentPort		Read/Write	None
	Port used for incoming call control signaling. Returns the value of the **SipEp.Gateway[name=default].Port** parameter. Sets the value of the **SipEp.Gateway[name=default].Port** and **SipEp.Gateway[name=default].SecurePort** parameters Setting a new value to the **UserAgentPort** parameter triggers a non-graceful service restart.		
UserAgentTransport		Read/Write	None

Name		Access	Notification
	Returns the enable transports in this priority: 'TLS', 'UDP' and 'TCP'. • If TLS is enabled, 'TLS' will be reported. • If UDP is enabled, 'UDP' will be reported. • If TCP is enabled, 'TCP' will be reported. • If all 3 are enabled, 'TLS' will be reported. • If two are enabled, only the highest priority will be reported. When set, disables all transports except the one being set. If 'TCP' is set, TLS and UDP will be disabled and TCP will be enabled. Maps to the following parameters: • **SipEp.TransportConfig.TransportConfig[GatewayName=default].UdpEnable** parameter. • **SipEp.TransportConfig.TransportConfig[GatewayName=default].TcpEnable** parameter. • **SipEp.TransportConfig.TransportConfig[GatewayName=default].TlsEnable** parameter. Setting a new value to the **UserAgentTransport** parameter triggers a non-graceful service restart.		
OutboundProxy		Read/Write	None

Name	Access	Notification
Host name or IP address of the outbound proxy. To disable the outbound proxy, use '0.0.0.0'. From RFC 3261: A proxy that receives requests from a client, even though it may not be the server resolved by the Request-URI. Typically, a UA is manually configured with an outbound proxy, or can learn about one through auto-configuration protocols. When enabled, the initial route for all SIP requests will contain the outbound proxy address, suffixed with the loose routing parameter 'lr'. The Request-URI still contains the home domain proxy address. Requests are directed to the first route (the outbound proxy). Returns and sets the host part of the **SipEp.DefaultStaticProxyOutboundHost** parameter. Setting a new value to the **OutboundProxy** parameter triggers a non-graceful service restart.		
OutboundProxyPort	Read/Write	None
Destination port to be used in connecting to the outbound proxy. This parameter is ignored unless the value of the **OutboundProxy** parameter is not empty. Returns and sets the port of the **SipEp.DefaultStaticProxyOutboundHost** parameter. Setting a new value to the **OutboundProxyPort** parameter triggers a non-graceful service restart.		
ConferenceCallURI	Read/Write	Passive
URI used in the **request-URI** of the INVITE sent to the conference server. This parameter only has an effect when the conference type is 'ConferenceServer'. See the **EpServ.DefaultConferenceType** parameter. Please refer to the documentation shipped with your device for more details regarding this parameter's semantics. If a specific configuration is set in the **GwSpecificConference.ServerHost** parameter and the **GwSpecificConference.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration. Returns and sets the **SipEp.DefaultStaticConferenceServerUri** parameter.		
VoiceService.{i}.VoiceProfile.{i}.Line.		
Object associated with a distinct voice line. At most, one enabled entry in this table can exist with a given value for the **DirectoryNumber** parameter. Both {i}s are limited to 1 in current implementation.		

Name		Access	Notification
VoiceService.{i}.VoiceProfile.{i}.Line.{i}.		Present	N/A
	First two {i}s are limited to 1 in current implementation. The **Line.{i}** starts from 1 up to the number of ports on the device, also represented by the **VoiceService.{i}.Capabilities.MaxLineCount** parameter. If the CPE device has different types of lines, the numerical index follows this order: FXS, FXO, E1T1, and BRI lines.		
Enable		Read/Write	Passive

Name		Access	Notification

	Enables or disables this line, or places it into a quiescent state.
	Returns the value of the **EpAdm[i].InitialAdminStateConfig** parameter:
	• Returns 'Disabled' when the value of the **InitialAdminStateConfig** parameter is 'Locked'.
	• Returns 'Enabled' when the value of the **InitialAdminStateConfig** parameter is 'Unlocked'.
	Set the **Enable** parameter has the following effect:
	• Enabled:
	  • Issues the `EpAdm.Endpoint[i].Unlock` command.
	  • Sets the value of the **EpAdm.Endpoint[i].InitialAdminStateConfig** parameter to 'Unlocked'.
	• Disabled:
	  • Issues the `EpAdm.Endpoint[i].ForceLock` command.
	  • Sets the value of the **EpAdm.Endpoint[i].InitialAdminStateConfig** parameter to 'Locked'.
	• Quiescent:
	  • Issues the `EpAdm.Endpoint[i].Lock` command
	  • Sets the value of the **EpAdm.Endpoint[i].InitialAdminStateConfig** parameter to 'Locked'.		

DirectoryNumber		Read/Write	Passive

Name	Access	Notification
Directory number associated with this line. Returns and sets the value of the **SipEp.UserAgent.FriendlyName** parameter. Setting a new value to the **DirectoryNumber** parameter triggers a registration refresh.		
Status	Read-only	Passive
Indicates the status of this line. Returned value is based on the following parameters: • **EpAdm.Endpoint.AdminState** parameter. • **EpAdm.Endpoint.UsageState** parameter. • **SipEp.RegistrationStatus** parameter. Detailed mapping is as follows: • If AdminState == 'Locked' then Status = 'Disabled' • If UsageState == Idle|Active|Busy and AdminState == 'Shuttingdown' then Status = 'Quiescent' • If UsageState == Idle|Active|Busy then Status = 'Up' • If RegistrationStatus[endpoint == i].State == Unregistering then Status = 'Unregistering' • If RegistrationStatus[endpoint == i].State == Registering|Refreshing then Status = 'Registering' • Otherwise Status = 'Error'		
VoiceService.{i}.VoiceProfile.{i}.Line.{i}.SIP.	Present	N/A
Voice line parameters that are specific to SIP call signaling. First two {i}s are limited to 1 in current implementation. The last {i} takes all values from 1 to the value of the **VoiceService.{i}.Capabilities.MaxLineCount** parameter.		
AuthUserName	Read/Write	Passive

Name		Access	Notification
	Username used to authenticate the connection to the server. Returns and sets the value of the **SipEp.Authentication.Username** parameter. Also sets the value of the **SipEp.UserAgent.Username** parameter if the value of the **VoiceService.{i}.VoiceProfile.{i}.Line.{i}.SIP.URI** parameter is empty Configures the **SipEp.Authentication[].CriteriaSelection** and **SipEp.Authentication[].Endpoint** parameters. Setting a new value to the **AuthUserName** parameter triggers a registration refresh. Mapping between index i of Line{i} and the index of the **SipEp.Authentication** table behaves differently from the other internal tables. The numerical value of i is directly used as the index of the **SipEp.Authentication** table. If i = 2, index of the **SipEp.Authentication** table is 2. Therefore, any modification to this table made by other means must follow this convention.		
AuthPassword		Write	None
	Password used to authenticate the connection to the server. Set value of proper columnar **SipEp.Authentication.Password** parameter. Configures the **SipEp.Authentication[].CriteriaSelection** and **SipEp.Authentication[].Endpoint** parameter. Setting a new value to the **AuthPassword** parameter triggers a registration refresh. Mapping between index i of Line{i} and the index of the **SipEp.Authentication** table works the same as for the **AuthUserName** parameter. Returns an empty string.		
URI		Read/Write	Active
	URI by which the user agent will identify itself for this line. Returns the SIP URI used by the device (formed with the **SipEp.UserAgent.Username@SipEp.UserAgent.ContactDomain** parameter). This value is saved in an internal database. The value is initially set to an empty string and reset to an empty string on a factory default reset. Sets the value of the **SipEp.UserAgent.Username** parameter and, if an optional host part is given, sets the value of the **SipEp.UserAgent.ContactDomain** parameter. Setting a new value to the **URI** parameter triggers a registration refresh.		
VoiceService.{i}.VoiceProfile.{i}.Line.{i}.Stats.		Present	N/A

Name	Access	Notification
Statistics for this voice line instance. First two {i}s are limited to 1 in current implementation. The last {i} takes all values from 1 to the value of **VoiceService.{i}.Capabilities.MaxLineCount** parameter **Note:** These statistics are from the IP network standpoint. If a call is directly established between two telephony interfaces (between two local FXS lines for instance), statistics are not cumulated. **Note:** Unless otherwise stated, these statistics are updated each time the processing of a call terminates. **Note:** These statistics are cleared when the service they originate from is started or restarted. **Note:** These statistics are cumulative for all the calls on the line. They are updated at the end of each call. **Note:** The Line statistics are obtained from the EpServ and Mipt services. Lines in TR-104 are mapped to endpoints of the device. The CWMP service builds an internal map to convert between the numerical index {i} used as the 'Line' number and the textual endpoint indexes used in the tables of the EpServ and Mipt services. When statistics are reported for multi-channel endpoints, they cover all the channels of the endpoint. For instance, the number of received packets for a 'Line' is the number of packets received for all the channels of the related endpoint. **Note:** The media statistics are only available for FXS and FXO lines. The call statistics are only available for FXS lines.		
ResetStatistics	Write	None
When set to one, resets the statistics for this voice line. Always returns 'false'. Maps to the **Mipt.EndpointStatistics[i].Reset** and **EpServ.CallStatistics[i].Reset** parameters.		
PacketsSent	Read-only	Passive
Returns the total number of RTP packets sent for this line. Maps to the **Mipt.EndpointStatistics[i].PacketsSent** parameter.		
PacketsReceived	Read-only	Passive
Returns the total number of RTP packets received for this line. Maps to the **Mipt.EndpointStatistics[i].PacketsReceived** parameter.		

Name		Access	Notification
BytesSent		Read-only	Passive
	Returns the total number of RTP payload bytes sent for this line. Maps to the **Mipt.EndpointStatistics[i].BytesSent** parameter.		
BytesReceived		Read-only	Passive
	Returns the total number of RTP payload bytes received for this line. Maps to the **Mipt.EndpointStatistics[i].BytesReceived** parameter.		
IncomingCallsReceived		Read-only	Passive
	Returns the total number of incoming calls received. Maps to the **EpServ.EndpointStatistics[i].IncomingCallsReceived** parameter.		
IncomingCallsAnswered		Read-only	Passive
	Returns the total number of incoming calls answered by the local user. Maps to the **EpServ.EndpointStatistics[i].IncomingCallsAnswered** parameter.		
IncomingCallsConnected		Read-only	Passive
	Returns the total number of incoming calls that successfully completed call setup signaling. Maps to the **EpServ.EndpointStatistics[i].IncomingCallsConnected** parameter.		
IncomingCallsFailed		Read-only	Passive
	Returns the total number of incoming calls that failed to successfully complete call setup signaling. Maps to the **EpServ.EndpointStatistics[i].IncomingCallsFailed** parameter.		
OutgoingCallsAttempted		Read-only	Passive
	Returns the total number of outgoing calls attempted. Maps to the **EpServ.EndpointStatistics[i].OutgoingCallsAttempted** parameter.		
OutgoingCallsAnswered		Read-only	Passive
	Returns the total number of outgoing calls answered by the called party. Maps to the **EpServ.EndpointStatistics[i].OutgoingCallsAnswered** parameter.		
OutgoingCallsConnected		Read-only	Passive
	Returns the total number of outgoing calls that successfully completed call setup signaling. Maps to the **EpServ.EndpointStatistics[i].OutgoingCallsConnected** parameter.		

Name		Access	Notification
OutgoingCallsFailed		Read-only	Passive
	Returns the total number of outgoing calls that failed to successfully complete call setup signaling. Maps to the **EpServ.EndpointStatistics[i].OutgoingCallsFailed** parameter.		
CallsDropped		Read-only	Passive
	Returns the total number of calls that were successfully connected (incoming or outgoing), but dropped unexpectedly while in progress without explicit user termination. Maps to the **EpServ.EndpointStatistics[i].CallsDropped** parameter.		
TotalCallTime		Read-only	Passive
	Returns the cumulative duration of all IP calls on the endpoint since service start, in seconds. Maps to the **EpServ.EndpointStatistics[i].TotalCallTime** parameter.		
AverageReceiveInterarrivalJitter		Read-only	Passive
	Average received interarrival jitter, in microseconds. This value is based on the average interarrival jitter of each call ended during the collection period. The value is weighted by the duration of the calls. Maps to the **Mipt.EndpointStatistics[i].AverageReceiveInterarrivalJitter** parameter.		

Mediatrix-Specific Parameters

Table Indexes

Unless otherwise specified, Index {i} is greater or equal to 1. New object indexes are systematically incremented in respect of the largest previously used index, and gaps may exist in the index sequence when objects are deleted.

For the tables where the entries are identified by the Endpoints (EpId), the index {i} has a numerical index of 9 digits created from the endpoint name as follows:

- Digits 1-2: Unit card slot number (Always 00 if the unit has no card slot)
- Digits 3-4: Port type (01 = FXO, 02 = FXS, 04 = BRI, 08 = PRI-ISDN, 10 = PRI-CAS)
- Digits 5-6: Port number
- Digits 7-9: Unused (Always 000)

For example:

- 000104000 represents the FXO4 port
- 010203000 represents the Slot1/FXS3 port (card slots are present only on the Sentinel 400)

Table Methods

Some tables allow new objects (i.e. table rows) to be added or removed, using the **AddObject** and **DeleteObject** methods.

For example, to perform add and remove operations on the Nlm.Events.{i} table:

- AddObject path: Device.Services.X_0090F8_Nlm.Events. (the trailing "." is mandatory)
- DeleteObject path: Device.Services.X_0090F8_Nlm.Events.{i}. (the trailing "." is mandatory)

Notes

- When Write parameters are read, an empty value is returned.
- The **Notification** column refers to the maximum level of notification allowed for the parameter. Unless stated otherwise, the parameter notifications are turned off by default.

Service Bni

Name		Access	Notification
X_0090F8_Bni.		Present	N/A
	The Basic Network Interfaces (Bni) service manages the layer 3 network interfaces. The parameters of the Bni service are used to configure the network interfaces and PPPoE connections used by the application. The Bni service also handles the "Rescue" network interface, which is used for the partial reset feature.		
NumberOfNetworkInterfacesStatusEntries		Read-only	Passive
	Returns the number of entries in NetworkInterfacesStatus table.		
NetworkInterfaces.{i}.		Present	N/A
	Allows the configuration of the network interfaces.		
InterfaceName		Read-write	None
	Network interface name. Whenever a network interface is used in the DGW application, it is here that it is first created. This parameter is case sensitive. The following special values are NOT allowed: • All • Loop • LoopV6 • Rescue To be valid, the Interface name • must start with a letter; • cannot contain characters other than letters, numbers, and underscores.		
LinkName		Read-write	None
	Name of the link interface associated with the network interface.		
ConnectionType		Read-write	None

Name		Access	Notification
	Connection type of the network interface. • IpDhcp: An IPv4 DHCP connection. The address and the network mask are provided by a DHCP server . • IpStatic: An IPv4 static connection. The address and the network mask are configured with the value in the **Bni.NetworkInterfaces.StaticIpAddr**) column. • Ip6AutoConf: An IPv6 state-less auto-configuration. • Ip6Static: An IPv6 static connection. The address and the network mask are configured with the value in the **Bni.NetworkInterfaces.StaticIpAddr**) column. • PppIpcp: An IPv4 over PPPoE connection. The address and the network mask are provided by the PPP peer using IPCP. • IpSystem: The IPv4 address and the network mask are retrieved from the Operating System. Applicable only if DGW is running in a non-Mediatrix environment, for example in a virtual host or cloud environment. DHCP servers and PPP peers may provide a list of DNS to use. If that is the case, the DNS are forwarded to the Host Configuration service where they can be used.		
StaticIpAddr		Read-write	None
	IP address and network mask of the network interface when the **Bni.NetworkInterfaces.ConnectionType** parameter is set to **IpStatic** (IPv4 Static).		
StaticDefaultRouter		Read-write	None
	IP address of the default router for the network interface when the **Bni.NetworkInterfaces.ConnectionType** parameter is set to **IpStatic** (IPv4 Static) or **Ip6Static** (IPv6 Static).		
Activation		Read-write	None

Name		Access	Notification
	Indicates if the network interface is activated or not on the system. • Enable: The network interface is activated on the system and can be used for configuration. • Disable: The network interface is not activated on the system. The actual status of a network interface is displayed in the **Bni.NetworkInterfacesStatus**.		
Priority		Read-write	None
	Prioritise the network interface. In case of address conflicts between two or more network interfaces, the network interface with the highest priority will remain enabled and all other interfaces will be set to invalid configuration. If the priority is the same, only the first enabled network interface will be able to use the IP address. When a conflict ends, all conflictual network interfaces are automatically returned to an operational state. The actual status of network interfaces is shown in the **Bni.NetworkInterfacesStatus**.		
ConfigStatus		Read-only	None

Name		Access	Notification
	Configuration status of the row. It indicates whether the configuration of the row is valid or not. • ValidConfig: This entry is valid. • EmptyInterfaceName: This entry is not valid because the **Bni.NetworkInterfaces.InterfaceName** parameter is empty. • DuplicateInterfaceName: This entry is not valid because the value of the **Bni.NetworkInterfaces.InterfaceName** parameter is already used. • InvalidLinkName: This entry is not valid because the **Bni.NetworkInterfaces.LinkName** parameter is either empty or refers to an nonexistent link. • InvalidStaticIpAddr: This entry is not valid because the value of the **Bni.NetworkInterfaces.StaticIpAddr** parameter is either invalid or is in conflict with another network IP address. • MultipleDynamicOnSameLink: This entry is not valid because there is a dynamic connection configured several times on the same link. May result in an unexpected behavior.		
NetworkInterfacesStatus.{i}.		Present	N/A
	This table displays the status of all currently enabled network interfaces, including interfaces with an invalid configuration or waiting for a response.		
InterfaceName		Read-only	Passive

Name		Access	Notification
	Network interface name. This parameter is case sensitive. Note that using the following special values is not allowed: • All • Loop • LoopV6 • Rescue To be valid, the Interface name • must start with a letter; • cannot contain characters other than letters, numbers, and underscores.		
InterfaceStatus		Read-only	Passive
	Displays the operational status of the network interface. • Invalid Config: The interface is not operational because its configuration is not valid. • Network Conflict: The interface is configured with an IP address that is already used on the network. • Link Down: The interface is configured with a link that has no connectivity. • Waiting Response: The interface is not operational because a response from a peer or server is required. • Active: The interface is operational.		
LinkName		Read-only	Passive
	Name of the link interface associated with the network interface.		
IpAddr		Read-only	Passive
	Current IP address and network mask of the network interface.		

Name		Access	Notification
DefaultRouter		Read-only	Passive
	Current default router of the network interface.		
ConnectionUptime		Read-only	None
	The time, in seconds, during which this IP interface has been connected. • If the IP interface is using DHCP, this is the time during which the DHCP client has been only in the Bound or Renewing states and the lower-layer interface has continuously maintained a link. • If the IP interface is using static addressing, this is the time during which the lower-layer interface has continuously maintained a link.		
VlanOverrideEnable		Read-only	None
	Indicates if the VLAN ID of the current network interface is overridden by the values received from the LLDP protocol. • Enable: The VLAN network interface configuration is overridden by LLDP. • Disable: The VLAN network interface configuration is not overridden by LLDP.		

Service CRout

Name		Access	Notification
X_0090F8_CRout.		Present	N/A
	The Call Routing (CRout) service transforms properties and routes calls between telephony interfaces and SIP endpoints.		
AutoRoutingEnable		Read-write	None
	Enable/Disable the automatic insertion of default routes for selected endpoints. When enabled, routes are automatically added to the Route Table in order to connect the endpoints marked as eligible for auto-routing and the designated SIP gateway (see the **Autoroutable** and the **AutoroutingGateway** parameters). These automatic routes are displayed in the **Routes** Table of the Status page but do not show up in the configuration.		
AutoRoutingCriteriaType		Read-write	None
	Determines the type of criteria to use to create an automatic rule from SIP to the telephony endpoints. • E164: The E164 associated with the endpoint is used as the criteria. (See **AutoRouting.E164**). • SipUsername: The SIP username associated with the endpoint is used as the criteria. (See **AutoRouting.SipUsername**).		
AutoRoutingIncomingMappings		Read-write	None
	Name of the transformations associated with the route from the SIP gateway to the endpoint. More than one transformation can be specified. In that case, the transformations are separated with ',' and are executed in an sequential order. See also **Route.Mappings**.		
AutoRoutingOutgoingMappings		Read-write	None
	Name of the transformations associated with the route from the endpoint to the SIP gateway. More than one transformation can be specified. In this case, the transformations are separated with ',' and are executed in sequential order. See also **Route.Mappings**		

Name		Access	Notification
AutoRoutingIncomingSignalingProperties		Read-write	None
	Name of the signaling properties associated with the route from the SIP gateway to the endpoint. See also **Route.SignalingProperties**		
AutoRoutingOutgoingSignalingProperties		Read-write	None
	Name of the signaling properties associated with the route from the endpoint to the SIP gateway. See also **Route.SignalingProperties**		
NumberOfRouteEntries		Read-only	Passive
	Returns the number of entries in Route table.		
NumberOfMappingTypeEntries		Read-only	Passive
	Returns the number of entries in MappingType table.		
NumberOfMappingExpressionEntries		Read-only	Passive
	Returns the number of entries in MappingExpression table.		
NumberOfHuntEntries		Read-only	Passive
	Returns the number of entries in Hunt table.		
NumberOfSignalingPropertiesEntries		Read-only	Passive
	Returns the number of entries in SignalingProperties table.		
NumberOfSipHeadersTranslationEntries		Read-only	Passive
	Returns the number of entries in SipHeadersTranslation table.		
NumberOfCallPropertiesTranslationEntries		Read-only	Passive
	Returns the number of entries in CallPropertiesTranslation table.		
NumberOfSipRedirectEntries		Read-only	Passive
	Returns the number of entries in SipRedirect table.		
Route.{i}.		Present	N/A
	This table shows the configured route to be used by the call routing service. The configuration is not used until the `ApplyConfig` command is executed. Note: Too many entries may introduce delay in the call establishment, especially on low-processing platforms.		
Index		Read-only	
	Unique identifier of the row in the table.		
SourceCriteria		Read-write	None

Name		Access	Notification
	One or many sources the service compares and matches the call to, in order to apply the route. The source the call comes from can be: • route-'name': the route 'name' • sip-'name': the SIP interface 'name' • isdn-'name': the ISDN interface 'name' • r2-'name': the R2 interface 'name' • e&m-'name': Tthe E&M interface 'name' • fxs-'name': the FXS interface 'name' • fxo-'name': the FXO interface 'name' Multiple sources must be separated by commas.		
PropertiesCriteria		Read-write	None

Name		Access	Notification
	The call property part of the criteria used to determine if the route can be applied or not. The other part of the criteria is the expression defined in the **RouteStatus.ExpressionCriteria** parameter. Calls can be routed based on the following Call Properties: • CalledE164: the called party E.164 properties • CallingE164: the calling party E.164 properties • CalledName: the called party name properties • CallingName: the calling party name properties • CalledTon: the called party type of number properties • CallingTon: the calling party type of number properties • CalledNpi: the called party numbering plan indicator properties • CallingNpi: the calling party numbering plan indicator properties • CalledHost: the calling host properties • CallingHost: the called host properties • CallingPi: the calling party presentation indicator • CallingSi: the calling party screening indicator • CallingItc: the calling party information transfer capability • CalledUri: the called party SIP URI • CallingUri: the calling party SIP URI • DateTime: the date and/or time the call arrived at the call router • CalledPhoneContext: the called party phone context properties • CallingPhoneContext: the calling party phone context properties • CalledSipUsername: the called party SIP username properties • CallingSipUsername: the calling party SIP username properties • CalledBeareChannel: the called bearer channel properties • CallingBeareChannel: the calling bearer channel properties • CallingSipPrivacy: the calling SIP privacy properties See **RouteStatus.ExpressionCriteria**.		

Name	Access	Notification
ExpressionCriteria	Read-write	None

Name	Access	Notification
The call property part of the criteria rule used to determine if the route can be applied or not. The other part of the criteria is the expression defined in the **RouteStatus.PropertiesCriteria** parameter. The criteria rule syntax is related to the selected criteria properties or can be a special tag: • CalledE164: regular expression • CallingE164: regular expression • CalledName: regular expression • CallingName: regular expression • CalledTon: 'unknown', 'international', 'national', 'network', 'subscriber', or 'abbreviated' • CallingTon: 'unknown', 'international', 'national', 'network', 'subscriber', or 'abbreviated' • CalledNpi: 'unknown', 'isdn', 'data', 'telex', 'national', or 'private' • CallingNpi: 'unknown', 'isdn', 'data', 'telex', 'national', or 'private' • CalledHost: Regular expression. The call properties format is 'Fqdn[:port]'. If the '[:port]' is not present, the table uses the well-known port of the signaling protocol. • CallingHost: Regular expression. The call properties format is 'Fqdn[:port]'. If the '[:port]' is not present, the table uses the well-known port of the signaling protocol. • CallingPi: 'allowed', 'restricted', or 'interworking' • CallingSi: 'not-screened', 'passed', 'failed', or 'network' • CallingItc: 'speech', 'unrestricted', 'restricted', '3.1Khz', 'udi-ta', or 'video' • CalledUri: regular expression • CallingUri: regular expression • DateTime: day of week and time period and/or date and time period • CalledPhoneContext: regular expression • CallingPhoneContext: regular expression • CalledSipUsername: regular expression • CallingSipUsername: regular expression • CalledBearerChannel: regular expression • CallingBearerChannel: regular expression • CallingSipPrivacy: 'disabled', 'none', or 'id' Special tags: • <undefined>: Matches if the property is not defined for the call. • <default>: Always matches. Generally used to set a default route if the previous criteria did not match. Accepted **DateTime** formats: Date/Time Period format:		

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Name		Access	Notification
Destination		Read-write	None
	Destination to apply to the call if it matches the criteria. The call destination can be set to: • route-'name': the route 'name' • hunt-'name': the hunt 'name' • sip-'name': the SIP interface 'name' • isdn-'name': the ISDN interface 'name' • r2-'name': the R2 interface 'name' • e&m-'name': the E&M interface 'name' • fxs-'name': the FXS interface 'name' • fxo-'name': the FXO interface 'name' • SipRedirect-'name': When the Route source is a SIP interface, incoming SIP Invites are replied with a 302 'Moved Temporarily' SIP response.		
Mappings		Read-write	None
	Name of the transformations to apply to the call if the criteria match. The transformations are executed before sending the call to the new destination. More than one transformation can be specified. In that case, the transformations are separated with ',' and are executed in sequential order.		
SignalingProperties		Read-write	None
	Name of the signaling properties to apply to the call.		
ConfigStatus		Read-only	Passive
	Configuration status of the row. It indicates if the configuration of the row is valid.		
MappingType.{i}.		Present	N/A

Name		Access	Notification
	This table defines which Call Properties are used in the transformations configured in the call routing service. The Transformation Rules (**CRout.MappingExpression**) table contains the detailed rules related to each transformation. The configuration is not used until the `ApplyConfig` command is executed. Note: Too many entries may introduce delay in the call establishment, especially on low-processing platforms.		
Index		Read-only	
	Unique identifier of the row in the table.		
Name		Read-write	None
	Name of the property transformations defined by this row. The name must be unique in the table. See **Route.Mapping** parameter.		
Criteria		Read-write	None

Name	Access	Notification
The call property part of the criteria used to determine if the transformation rule can be applied or not. The other part of the criteria is the expression defined in the **MappingExpression.Criteria**. The expression syntax is related to the criteria property: • E164: called or calling E.164 properties • CalledE164: called E.164 properties • CallingE164: calling E.164 properties • Name: called or calling name properties • CalledName: called name properties • CallingName: calling name properties • Ton: called or calling type of number properties • CalledTon: called type of number properties • CallingTon: calling type of number properties • Npi: called or calling numbering plan indicator properties • CalledNpi: called numbering plan indicator properties • CallingNpi: calling numbering plan indicator properties • Host: calling or called host properties • CalledHost: calling host properties • CallingHost: called host properties • CallingPi: calling presentation indicator • CallingSi: calling screening indicator • CallingItc: calling information transfer capability • Uri: calling or called SIP URI properties • CalledUri: called SIP URI properties • CallingUri: calling SIP URI properties • DateTime: routes calls based on the date and/or time the call arrived at the call router • PhoneContext: called or calling phone context properties • CalledPhoneContext: called phone context properties • CallingPhoneContext: calling phone context properties • SipUsername: called or calling SIP username properties • CalledSipUsername: called SIP username properties • CallingSipUsername: calling SIP username properties • LastDivertingReason: last diverting reason properties • LastDivertingE164: last diverting E.164 properties • LastDivertingPartyNumberType: party number type of the last diverting number properties • LastDivertingPublicTypeOfNumber: public type of number of the last diverting number properties • LastDivertingPrivateTypeOfNumber: private type of number of the last diverting		

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Name	Access	Notification
Transformation	Read-write	None

Name	Access	Notification
Call properties to transform. The transformation is defined in the **MappingExpression.Transformation** parameter. The call properties can be: • E164: called or calling E.164 properties. • CalledE164: called E.164 properties. • CallingE164: calling E.164 properties. • Name: called or calling name properties. • CalledName: called name properties. • CallingName: calling name properties. • Ton: called or calling type of number properties. • CalledTon: called type of number properties. • CallingTon: calling type of number properties. • Npi: called or calling numbering plan indicator properties. • CalledNpi: called numbering plan indicator properties. • CallingNpi: calling numbering plan indicator properties. • Host: calling or called host properties. • CalledHost: calling host properties. • CallingHost: called host properties. • CallingPi: calling presentation indicator. • CallingSi: calling screening indicator. • CallingItc: calling information transfer capability. • Uri: calling or called SIP URI properties. • CalledUri: called SIP URI properties. • CallingUri: calling SIP URI properties. • PhoneContext: calling or called phone context properties. • CalledPhoneContext: called phone context properties. • CallingPhoneContext: calling phone context properties. • SipUsername: calling or called SIP username properties. • CalledSipUsername: called SIP username properties. • CallingSipUsername: calling SIP username properties. • LastDivertingReason: last diverting reason properties. • LastDivertingE164: last diverting E.164 properties. • LastDivertingPartyNumberType: party number type of the last diverting number properties. • LastDivertingPublicTypeOfNumber: public type of number of the last diverting number properties. • LastDivertingPrivateTypeOfNumber: private type of number of the last diverting number properties. media5corp.com • LastDivertingNumberPresentation: presentation of the last diverting number properties.		

Name		Access	Notification
ConfigStatus		Read-only	Passive
	Configuration status of the row. Indicates if the configuration of the row is valid.		
MappingExpression.{i}.		Present	N/A
	This table shows the transformation rules used by the call routing service. The Transformations (**MappingType**) table contains the transformation related to this rule. The configuration is not used until the `ApplyConfig` command is executed. Note: Too many entries may introduce delay in the call establishment, especially on low-processing platforms.		
Index		Read-only	
	Unique identifier of the row in the table.		
Name		Read-write	None
	Name of the transformation rule defined by this row. It must match the name of a row in the Transformations (**MappingType**) table. More than one row can have the same name. In that case, the first row matching the call will be used. The row are used in ascending order. See **MappingType.Name**.		
Criteria		Read-write	None

Name	Access	Notification
The call property part of the criteria used to determine if the transformation rule can be applied or not. The other part of the criteria is the expression defined in the **MappingType.Criteria** parameter. The expression syntax is related to the selected criteria properties or can be a special tag: • E164: regular expression • CalledE164: regular expression • CallingE164: regular expression • Name: regular expression • CalledName: regular expression • CallingName: regular expression • Ton: 'unknown', 'international', 'national', 'network', 'subscriber', or 'abbreviated' • CalledTon: 'unknown', 'international', 'national', 'network', 'subscriber', or 'abbreviated' • CallingTon: 'unknown', 'international', 'national', 'network', 'subscriber', or 'abbreviated' • Npi: 'unknown', 'isdn', 'data', 'telex', 'national', or 'private' • CalledNpi: 'unknown', 'isdn', 'data', 'telex', 'national', or 'private'. • CallingNpi: 'unknown', 'isdn', 'data', 'telex', 'national', or 'private'. • Host: Regular expression. The call property format is 'Fqdn[:port]'. If the '[:port]' is not present, the table uses the well-known port of the signaling protocol. • CalledHost: Regular expression. The call property format is 'Fqdn[:port]'. If the '[:port]' is not present, the table uses the well-known port of the signaling protocol. • CallingHost: Regular expression. The call property format is 'Fqdn[:port]'. If the '[:port]' is not present, the table uses the well-known port of the signaling protocol. • CallingPi: 'allowed', 'restricted', or 'interworking' • CallingSi: 'not-screened', 'passed', 'failed', or 'network' • CallingItc: 'speech', 'unrestricted', 'restricted', '3.1Khz', 'udi-ta', or 'video' • DateTime: day of week and time period and/or date and time period • PhoneContext: regular expression • CalledPhoneContext: regular expression • CallingPhoneContext: regular expression • SipUsername: regular expression • CalledSipUsername: regular expression • CallingSipUsername: regular expression • LastDivertingReason: 'cfu', 'cfb', 'cfnr', or 'unknown' • LastDivertingE164: regular expression • LastDivertingPartyNumberType: 'unknown', 'public', or 'private' • LastDivertingPublicTypeOfNumber: 'unknown', 'international', 'national',		

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Name	Access	Notification
Transformation	Read-write	None

Name	Access	Notification
Transformation rule to apply to the call properties. The rule is applied on the call properties defined in the **MappingType.Transformation** parameter. The transformation rule syntax is related to the selected properties to transform: • Ton: 'unknown', 'international', 'national', 'network', 'subscriber', or 'abbreviated' • CalledTon: 'unknown', 'international', 'national', 'network', 'subscriber', or 'abbreviated' • CallingTon: 'unknown', 'international', 'national', 'network', 'subscriber', or 'abbreviated' • Npi: 'unknown', 'isdn', 'data', 'telex', 'national', or 'private' • CalledNpi: 'unknown', 'isdn', 'data', 'telex', 'national', or 'private' • CallingNpi: 'unknown', 'isdn', 'data', 'telex', 'national', or 'private' • CallingPi: 'allowed', 'restricted', or 'interworking' • CallingSi: 'not-screened', 'passed', 'failed', or 'network' • CallingItc: 'speech', 'unrestricted', 'restricted', '3.1Khz', 'udi-ta', or 'video' • LastDivertingReason: 'cfu', 'cfb', 'cfnr', or 'unknown' • LastDivertingPartyNumberType: 'unknown', 'public', or 'private' • LastDivertingPublicTypeOfNumber: 'unknown', 'international', 'national', 'network-specific', 'local', or 'abbreviated' • LastDivertingPrivateTypeOfNumber: 'unknown', 'leg2-reg', 'leg1-reg', 'pisn-specific', 'subscriber', or 'abbreviated' • LastDivertingNumberPresentation: 'allowed', 'restricted', 'interworking', or 'restricted-address' • OriginalDivertingReason: 'cfu', 'cfb', 'cfnr', or 'unknown' • OriginalDivertingPartyNumberType: 'unknown', 'public', or 'private' • OriginalDivertingPublicTypeOfNumber: 'unknown', 'international', 'national', 'network-specific', 'local' or 'abbreviated' • OriginalDivertingPrivateTypeOfNumber: 'unknown', 'leg2-reg', 'leg1-reg', 'pisn-specific', 'subscriber', or 'abbreviated' • OriginalDivertingNumberPresentation: 'allowed', 'restricted', 'interworking', or 'restricted-address' • All others: string where '\0' to '\9' is replaced by the corresponding group in the regular expresion set in the criteria rule (see **MappingStatus.ExpressionCriteria**). The value can be set to the '<local_ip_port>' macro to replace the properties by the local IP address and port of the listening socket of the SIP gateway used to send the INVITE. See **MappingStatus.PropertiesToTransform**.		

Name		Access	Notification
SubMappings		Read-write	None
	Name of a next transformation to execute. More than one transformation can be specified. In that case, the transformations are separated with ',' and are executed in sequential order.		
ConfigStatus		Read-only	Passive
	Configuration status of the row. It indicates if the configuration of the row is valid.		
Hunt.{i}.		Present	N/A
	This table shows the configured hunt to be used by the call routing service. The configuration is not used until the `ApplyConfig` command is executed.		
Index		Read-only	
	Unique identifier of the row in the table.		
Name		Read-write	None
	Name of the hunt defined by this row. It must be unique in the table.		
Destinations		Read-write	None

Name		Access	Notification
	List of hunt destinations separated by commas. The call destination can be: • route-'name': the route 'name' • hunt-'name': the hunt 'name' • sip-'name':the SIP interface 'name' • isdn-'name': the ISDN interface 'name' • r2-'name': the R2 interface 'name' • e&m-'name': the E&M interface 'name' • fxs-'name': the FXS interface 'name' • fxo-'name': the FXO interface 'name' • SipRedirect-'name': When the Route source is a SIP interface, incoming SIP Invites are replied with a 302 'Moved Temporarily' SIP response. Note: Only FXS interfaces are supported if 'Simultaneous' is selected for the **Selection Algorithm** parameter. Example: 'isdn-Slot2/Bri1, route-something'		
SelectionAlgorithm		Read-write	None

Name		Access	Notification
	Algorithm used to select the destination order. The destination order can be: • Sequential: The hunt tries the destination in the same order as listed. The first destination hunted is the first listed. • Cyclic: The hunt starts from the destination that follows the destination used for the last hunt. Subsequent calls try another first destination in a round-robin method. • Simultaneous: The hunt tries every available destination at the same time. The first destination to pick up has the call. Other destinations stop ringing. This method can only have FXS endpoints as destinations. Example of cyclic selection: If the destination is set to 'x,y,z', the destination the hunt group tries is in the following order: 1. x,y,z 2. y,z,x 3. z,x,y 4. x,y,z		
Timeout		Read-write	None
	Maximal time allowed to the destination to handle the call. A value of '0' disables the timeout. This value is expressed in seconds (s). Note: Not applicable if 'Simultaneous' is used for the **Selection Algorithm** parameter.		
Causes		Read-write	None

Name	Access	Notification
Lists the call rejection causes to continue the hunt. The causes are separated by commas. The available hunt causes are: Normal event: • 1: unassigned (unallocated) number • 2: no route to specified transit network • 3: no route to destination • 6: channel unacceptable • 7: call awarded and being delivered in an established channel • 16: normal call clearing • 17: user busy • 18: no user responding • 19: user alerting, no answer • 21: call rejected • 22: number changed • 26: non-selected user clearing • 27: destination out of order • 28: invalid number format (incomplete number) • 29: facility rejected • 30: response to STATUS ENQUIRY • 31: normal, unspecified Resource unavailable: • 34: no circuit/channel available • 38: network out of order • 41: temporary failure • 42: switching equipment congestion • 43: access information discarded • 44: requested circuit/channel not available • 47: resource unavailable, unspecified Service or option not available: • 57: bearer capability not authorised • 58: bearer capability not presently available • 63: service or option not available, unspecified Service or option not implemented: • 65: bearer capability not implemented • 66: channel type not implemented • 69: requested facility not implemented • 70: only restricted digital information bearer capability is available • 79: service or option not implemented, unspecified		

implementation

Name		Access	Notification
ConfigStatus		Read-only	Passive
	Configuration status of the row. It indicates if the configuration of the row is valid.		
SignalingProperties.{i}.		Present	N/A
	This table shows the configured signaling properties to be used by the call routing service. The configuration is not used until the `ApplyConfig` command is executed.		
Index		Read-only	
	Unique identifier of the row in the table.		
Name		Read-write	None
	Name of the signaling properties defined by this row. It must be unique in the table.		
EarlyConnect		Read-write	None
	Enable/Disable the early connect feature. When early connect is enabled, the SIP call is connected by sending a 200 OK message instead of a 183 Session Progress message with early media.		
EarlyDisconnect		Read-write	None
	Enable/Disable the early disconnect feature. When early disconnect is enabled, the SIP BYE message is sent upon ISDN 'Disconnect' signal reception. When early disconnect is disabled, the SIP BYE message is sent upon ISDN 'Call release' signal reception. If early disconnect is enabled but no ISDN 'Disconnect' message is received, the SIP BYE message will be sent upon receiving an ISDN 'Call release' as if the early disconnect was disabled.		
DestinationHost		Read-write	None
	SIP message destination. The value can be set to the '<local_ip_port>' macro to replace the properties by the local IP address and port of the listening socket of the SIP gateway used to send the INVITE.		
Allow180Sdp		Read-write	None
	Enable/Disable the 180 with SDP allowed. When disabled, a SIP 183 with SDP is sent instead of a 180 with SDP. This does not affect the 180 without SDP.		
Allow183NoSdp		Read-write	None

Name		Access	Notification
	Enable/Disable the 183 without SDP allowed. When disabled, a 183 without SDP is not sent. This does not affect the 183 with SDP.		
Privacy		Read-write	None
	Sets the privacy level of the call. • Disable: No privacy is used. • None: Use P-Asserted Identity and privacy "none". • AssertedId: Use P-Asserted Identity and privacy "id" when restricted. • PreferredId: Use P-Preferred Identity and privacy "id" when restricted. • Rpid: Use Remote-Party-ID header.		
CallPropertiesTranslation		Read-write	None
	Name of the call property translation to apply to the call. The translation modifies the call properties before the call is sent to its destination. More than one translation can be specified. In this case, the translations are separated with ',' and are executed in sequential order.		
SipHeadersTranslation		Read-write	None
	Name of the SIP header translations to apply to the call. The translation modifies the SIP headers before the call is sent to its destination. More than one translation can be specified. In that case, the translations are separated with ',' and are executed in sequential order.		
ConfigStatus		Read-only	Passive
	Configuration status of the row. It indicates if the configuration of the row is valid.		
SipHeadersTranslation.{i}.		Present	N/A
	This table shows the configured SIP header translations to be used by the call routing service. The configuration is not used until the `ApplyConfig` command is executed.		
Index		Read-only	
	Unique identifier of the row in the table.		
Name		Read-write	None

Name		Access	Notification
	Name of the SIP header translation defined by this row.		
SipHeader		Read-write	None
	Sets which SIP header is modified by this translation. The SIP headers can be: • FromHeaderHostPart: host part of the From header URI • FromHeaderUserPart: user part of the From header URI • IdentityHeaderHostPart: host part of the Identity header URI • IdentityHeaderUserPart: user part of the Identity header URI • IdentityHeaderPhoneNumber: phone number in the Identity header tel URL • IdentityHeaderFriendlyName: friendly name in the Identity header URI • RequestLineHostPart: host part of the Request line URI • RequestLineUserPart: user part of the Request line URI • ToHeaderHostPart: host part of the To header URI • ToHeaderUserPart: user part of the To header URI		
BuiltFrom		Read-write	None

Name		Access	Notification
	Sets what information is used to build the selected SIP header. The information can be retrieved from: • CalledE164: the called party E.164 property • DestinationHost:the destination host configured in the signaling properties of which this translation is part • Domain: the domain name configured in the unit • FixValue: a fixed value (see **SipHeadersTranslation.FixValue**) • HostName: the host name configured on the unit • LocalIp: the local IP address • CallingBearerChannel: the calling bearer channel • SipEndpointUsername: the SIP username associated with the endpoint • CallingName: the calling party name property • CallingE164: the calling party E.164 property		
FixValue		Read-write	None
	Fixed value to be inserted in the SIP header when the **SipHeadersTranslation.BuiltFrom** parameter is set to 'FixValue'.		
ConfigStatus		Read-only	Passive
	Configuration status of the row. It indicates if the configuration of the row is valid.		
CallPropertiesTranslation.{i}.		Present	N/A
	This table shows the configured call properties translations to be used by the call routing service. The configuration is not used until the `ApplyConfig` command is executed.		
Index		Read-only	
	Unique identifier of the row in the table.		

Name		Access	Notification
Name		Read-write	None
	Name of the call property translation defined by this row.		
CallProperty		Read-write	None
	Sets which call property is modified by this translation. The call properties can be: • CalledE164: called party E.164 property • CallingE164: calling party E.164 property • CalledName: called party name property • CallingName: calling party name property • CalledUri: called URI name property • CallingUri: calling URI name property • CalledBearerChannel: called bearer channel property		
BuiltFrom		Read-write	None

Name		Access	Notification
	Sets what information is used to build the selected call property. The information can be retrieved from: • Domain: the domain name configured in the unit. • FixValue: a fixed value (see **CallPropertiesTranslation.FixValue**) • FromHeaderUri: the From header URI • FromHeaderFriendlyName: the friendly name part of the From header • FromHeaderUserPart: the user part of the From header URI • IdentityHeaderUri: the Identity header URI • IdentityHeaderUserPart: the user part of the Identity header URI • IdentityHeaderPhoneNumber: the phone number in the Identity header tel URL • IdentityHeaderFriendlyName: the friendly name in the Identity header URI • LocalIp: the local IP address • RequestLineUri: the Request line URI • RequestLineUserPart: the user part of the Request line URI • ToHeaderUri: the To header URI • ToHeaderFriendlyName: Uthe friendly name part of the To header • ToHeaderUserPart: the user part of the To header URI		
FixValue		Read-write	None
	Fixed value to be inserted in the call property when the **CallPropertiesTranslation.BuiltFrom** parameter is set to 'FixValue'.		
ConfigStatus		Read-only	Passive

Name		Access	Notification
	Configuration status of the row. It indicates if the configuration of the row is valid.		
AutoRouting.{i}.		Present	N/A
	This table holds the parameters required for the configuration of the auto-routing feature.		
EpId		Read-only	
	Character string that identifies an endpoint in other tables.		
Autoroutable		Read-write	None
	Determines whether or not automatic routes are generated for the endpoint when auto-routing is enabled (see the **AutoRoutingEnable** parameter). • Enable: Automatic routes allowing incoming and outgoing calls to and from the endpoint are added to the **Route** Table when auto-routing is enabled. • Disable: Automatic route generation is turned off for this endpoint. • HardwareDependent: Automatic routes are generated if the endpoint belongs to an FXS interface.		
AutoRoutingGateway		Read-write	None

Name		Access	Notification
	The name of the SIP gateways to use as the destination of outgoing calls and the source of incoming calls when generating auto-routing rules. More than one SIP gateway can be defined. The SIP gateways names are separated by comas. Example: 'gw1,gw2,gw3'. When one SIP gateway is defined: • A route is automatically created from the SIP gateway to the telephony interface. • A route is automatically created from the telephony interface to the SIP gateway if the **AutoRouting.AutoRoutingDestination** parameter is empty. Otherwise, the destination of the route is the destination defined in the **AutoRouting.AutoRoutingDestination** parameter. When more than one SIP gateway is defined: • Routes are automatically created from each defined SIP gateway to the telephony interface. • A route is automatically created from the telephony interface to the hunt defined in the **AutoRouting.AutoRoutingDestination** parameter.		
AutoRoutingDestination		Read-write	None

Name		Access	Notification
	The destination to use for the routes from the telephony interface. The destination can be set to: • route-'name': the route 'name' • hunt-'name': the hunt 'name' • sip-'name': the SIP interface 'name' • isdn-'name': the ISDN interface 'name' • r2-'name': the R2 interface 'name' • e&m-'name': the E&M interface 'name' • fxs-'name': the FXS interface 'name' • fxo-'name': the FXO interface 'name' See the **AutoRouting.AutoRoutingGateway** parameter.		
E164		Read-only	Passive
	The telephone number associated with this endpoint, if any. This reflects the **Username** configured in the **UserAgent** table of the SIP Endpoint (SipEp) service as long as the name follows the E.164 syntax.		
SipUsername		Read-only	Passive
	The SIP username associated with this endpoint, if any. This simply reflects the **Username** configured in the **UserAgent** table of the SIP Endpoint (SipEp) service without the **Username** parameter. For example: If the **SipEp.UserAgent.Username** parameter is set to "123456_test", the SIP username field will display "123456_test".		
Name		Read-only	Passive
	The FriendlyName associated with this endpoint, if any. This reflects the **FriendlyName** configured in the **UserAgent** table of the SIP Endpoint (SipEp) service.		
SipRedirect.{i}.		Present	N/A

Name		Access	Notification
	This table allows the configuration of SIP redirections that can be used as Route or Hunt destinations. When the Route source is a SIP interface, incoming SIP Invites are replied with a 302 'Moved Temporarily' SIP response.		
Index		Read-only	
	Unique identifier of the row in the table.		
Name		Read-write	None
	Name of the SIP Redirect defined by this row. It must be unique in the table.		
DestinationHost		Read-write	None
	Host address to be inserted in the 'Moved Temporarily' response.		
ConfigStatus		Read-only	Passive
	Configuration status of the row. Indicates if the configuration of the row is valid.		

Service Cwmp

Name		Access	Notification
X_0090F8_Cwmp.		Present	N/A
	The CPE WAN Management Protocol (Cwmp) service allows the administrator to manage the unit using the TR-069 protocol.		
NetworkInterface		Read-write	None
	Specifies to which network interface the Cwmp service is bound. The name specified here must match an existing InterfaceName of the **NetworkInterfaces** table of the Bni service. The DHCP options for the automatic configuration are retrieved from this network interface. The possible values are: • Empty: Use the network interface configured in the **Hoc.ManagementInterface** parameter. • 'All': Use any network interface. • A valid IPv4 network interface name. Note that this parameter is case-sensitive. Note that Advance IP Routing could be required to forward the packet over the correct network.		
X_0090F8_Cwmp.Acs.		Present	N/A
	ACS Group.		
AcsUrlConfigSource		Read-write	None
	Determines the method to obtain the URL of the ACS. • Dhcp: Uses the DHCP protocol to find the URL as defined in TR-106 section 3.1. • Static: Uses the URL defined in the **AcsStaticUrl** parameter. • DhcpWithFailover: Uses the DHCP protocol to find the URL or the URL defined in the **AcsStaticUrl** parameter if the DHCP method fails.		

Name		Access	Notification
X_0090F8_Cwmp.CwmpEx.		Present	N/A
	CwmpEx Group.		
Command		Write	None
	This parameter is a special method of executing any command that can be used in configuration scripts, or executed through the CLI, namely: • commands, for example: Scm.RestartRequiredServices • set parameters, for example: Conf.ScriptsTransferTlsVersion = "TLSv1_3" • read parameters, for example: Conf.ScriptsTransferTlsVersion The output is stored in the **CwmpEx.LastResult** parameter. If the execution fails, the error message can be seen in both: • the **Cwmp.LastResult** parameter value, and • the CWMP Fault response, inside the <SetParameterValuesFault> section.		
LastResult		Read-only	Active
	This parameter stores the result of the command, or the value of the parameter read, from the **CwmpEx.Command** parameter. The content of the **CwmpEx.LastResult** is cleared after a Cwmp service restart or system restart. Its value changes each time the **CwmpEx.Command** parameter is executed. Retrieving a whole table, row or column is not supported and will return an error.		

Service Dcm

Name		Access	Notification
X_0090F8_Dcm.		Present	N/A
	The Device Control Manager (DCM) service manages the hardware properties as well as the licence activation keys.		
ActivateLicense		Write	None
	Activates a feature using a licence key.		
X_0090F8_Dcm.UnitInfo.		Present	N/A
	Unit Info Group.		
UnitInfoProductName		Read-only	Passive
	Name of the unit.		
UnitInfoSerialNumber		Read-only	Passive
	Serial number of the unit.		
UnitInfoMacAddress		Read-only	Passive
	MAC address of the unit.		
UnitInfoHardwareRevision		Read-only	Passive
	The hardware revision of the unit.		
TotalNumberOfDsp		Read-only	Passive
	The total number of DSPs present on the unit.		
X_0090F8_Dcm.UnitFingerprint.		Present	N/A
	Unit Fingerprint Group.		
UnitFingerprintUuid		Read-only	Passive
	Fingerprint UUID. This parameter is only available on the Mediatrix Sentinel CS.		
X_0090F8_Dcm.HardwareInfo.		Present	N/A
	Hardware Extensions.		
HardwareExtInfo.{i}.		Present	N/A
	This table displays all hardware extensions currently installed in the unit.		
ProductName		Read-only	Passive
	Name of the hardware extension.		

Name		Access	Notification
SerialNumber		Read-only	Passive
	Serial number of the hardware extension.		
Location		Read-only	Passive
	Indicates where the hardware extension is installed in the unit.		
HardwareFanInfo.{i}.		Present	N/A
	This table lists the monitored fans of the unit.		
FanName		Read-only	Passive
	The fan identification name. Usually refers to its location in the unit.		
FanFault		Read-only	Active
	Indicates a fan fault state: • 0: No fault • 1: Fault Unit casing fans come in pairs, one fan on the left side and another one on the right side. When a fault is detected on a fan, the one on the other side will automatically run faster to compensate. This design allows the unit to continue running smoothly even if there are some faults.		
HardwareTemperatureInfo.{i}.		Present	N/A
	This table lists the monitored temperatures of the unit.		
TemperatureName		Read-only	Passive
	The temperature sensor name. Usually refers to its location in the unit.		
TemperatureCelsius		Read-only	Passive
	The measured temperature, in Celsius.		
TemperatureFault		Read-only	Active
	Indicates whether or not the temperature has exceeded the configured threshold: • 0: No fault • 1: Fault The fault clears when the temperature is back under the configured threshold.		
TemperatureFaultThreshold		Read-write	None

Name		Access	Notification
	Configures the temperature threshold, in Celsius. Set "0" to disable temperature faults. A fault is reported when the temperature exceeds this threshold.		
X_0090F8_Dcm.Password.		Present	N/A
	Password.		
PasswordEncryption.{i}.		Present	N/A
	This table configures how the passwords should be encrypted.		
Parameter		Read-only	
	The path of the password parameter to encrypt. The special parameter 'ALL' overrides the configuration for all other parameters if the **Encryption** parameter is not set to 'None'.		
Encryption		Read-write	None
	Specify if the parameter needs to be encrypted. • None: The password will not be encrypted. • Enc1: The password will be encrypted with a private password unique to the device. Activating the encryption will trigger an encryption of unencrypted passwords. Deactivating the encryption will not decrypt encrypted passwords. The password encryption will be executed at the next service start if the service of the parameter is not already started.		

Service EpServ

Name		Access	Notification
X_0090F8_EpServ.		Present	N/A
	The Endpoint Services (EpServ) service manages the telephony services of each endpoint.		
X_0090F8_EpServ.Call.		Present	N/A
	Call Services Group.		
X_0090F8_EpServ.Call.CallDtmfMap.		Present	N/A
	Call DTMF Map.		
CallDtmfMapAllowed.{i}.		Present	N/A
	A table of the DTMF maps that are considered valid if dialed, indexed by the DTMF map entry number.		
Enable		Read-write	Passive
	If enabled, this DTMF map is recognised and accepted only if it is also valid. If disabled, this DTMF map is not recognised.		
ApplyTo		Read-write	Passive
	Sets the entity to which apply the DTMF map. • Unit: The DTMF map applies to all endpoints. • Endpoint: The DTMF map applies to a specific endpoint. The endpoint is specified in the **EpId** parameter.		
EpId		Read-write	Passive
	String that identifies an endpoint in other tables. More than one endpoint can be specified. In that case, the endpoints are separated with ','.		
DtmfMap		Read-write	Passive

Name		Access	Notification
	The DTMF map string used to validate the dialed DTMFs. The DTMF map syntax is taken from the MGCP specification (RFC 3435 section 2.1.5). Refer to the DTMF Maps configuration in the Software Configuration Guide for examples. Local emulation of a service code: By using the special 'S' character to emulate a star code activation, the caller will hear a stutter dial tone after a service code has been dialed (e.g. *72). To use the special S character, it must be preceded by a valid DTMF map string. If characters are specified after the S, they must be a valid DTMF map string. If a DTMF transformation is associated with this DTMF map, the transformation is done on the signaled DTMF after the 'S' character. All dialed DTMFs will be present in the outgoing call, including the ones dialed before the stutter dial tone.		
DtmfTransformation		Read-write	Passive
	Configures the transformation to apply to the signaled DTMF before using it as call destination. In the following description, 'x' represents the signaled number. Add before 'x' the DTMF to prefix or/and after 'x' the suffix to add. Characters '0123456789*#ABCD' are allowed. Use a sequence of DTMFs beween '{}' to remove a prefix/suffix to the dialed number if present. Use before 'x' to remove a prefix and after 'x' to remove a suffix. Characters '0123456789*#ABCD' are allowed. Use a number between '()' to remove a number of DTMFs. Use before 'x' to remove DTMFs at the beginning of the number and after 'x' to remove DTMFs at the end. Characters '0123456789' are allowed. The transformations are applied in order from left to right. Example with '18195551111#' as signaled number. • Add the prefix '0' to the dialed number: '0x' ==> '018195551111#'. • Remove the suffix '#' from the dialed number: 'x{#}' ==> '18195551111'. • Remove the first 4 DTMFs from the dialed number: '(4)x' ==> '5551111#' • Remove the international code and termination and replace the area code by another one: '(1){819}514x{#}' ==> '5145551111'. • Replace the signaled DTMFs by '3332222' : '3332222' ==> '3332222'.		
TargetHost		Read-write	Passive

Name		Access	Notification
	Target to use when the DTMF map matches. The default target is used when the value is empty.		
Emergency		Read-write	Passive
	Enables/Disables the emergency process of the call. • Disable: The call is processed as normal. • Enable: The call is processed as emergency.		
CallDtmfMapRefuse.{i}.		Present	N/A
	A table of the DTMF maps that are considered invalid if dialed, indexed by the DTMF map entry number.		
Enable		Read-write	Passive
	If enabled, this DTMF map is recognised and refused only if it is also valid. If disabled, this DTMF map is not recognised.		
ApplyTo		Read-write	Passive
	Sets the entity to which apply the DTMF map. • Unit: The DTMF map applies to all endpoints. • Endpoint: The DTMF map applies to a specific endpoint. The endpoint is specified in the **EpId** parameter.		
EpId		Read-write	Passive
	String that identifies an endpoint in other tables. More than one endpoint can be specified. In that case, the endpoints are separated with ','.		
DtmfMap		Read-write	Passive
	The actual DTMF map string that is considered invalid when dialed. The permitted DTMF map syntax is taken from the core MGCP specification, RFC 2705: ftp://ftp.isi.edu/in-notes/rfc2705.txt, section 3.4.		
X_0090F8_EpServ.AutoCall.		Present	N/A
	Automatic Call Services Group.		
DefaultAutoCallEnable		Read-write	None

Name		Access	Notification
	Enables/Disables the automatic call service. This service provides a 'redphone'-like experience. If enabled, the target address is automatically called when the user picks up the phone. When this service is enabled, the second line service is disabled but the call waiting feature is still functional. The user can still accept incoming calls. If a specific configuration is set in the **EpSpecificAutoCall.Enable** parameter and the **EpSpecificAutoCall.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
DefaultAutoCallTargetAddress		Read-write	None
	Address or telephone number that the user wants to automatically call. If a specific configuration is set in the **EpSpecificAutoCall.TargetAddress** parameter and the **EpSpecificAutoCall.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
EpSpecificAutoCall.{i}.		Present	N/A
	A table of the telephony features configuration for the automatic call, indexed by the endpoint ID.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None
	Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultAutoCallEnable** and **DefaultAutoCallTargetAddress** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificAutoCall.Enable** and **EpSpecificAutoCall.TargetAddress** parameters.		
Enable		Read-write	None

Name	Access	Notification
Enables/Disables the automatic call service. This service provides a 'redphone'-like experience. If enabled, the target address is automatically called when the user picks up the phone. When this service is enabled, the second line service is disabled but the call waiting feature is still functional. The user can still accept incoming calls. This configuration overrides the default configuration set in the **DefaultAutoCallEnable** parameter if the **EpSpecificAutoCall.EnableConfig** parameter is set to 'Enable'.		
TargetAddress	Read-write	None
Address or telephone number that the user wants to automatically call. This configuration overrides the default configuration set in the **DefaultAutoCallTargetAddress** parameter if the **EpSpecificAutoCall.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_EpServ.Hold.	Present	N/A
Hold Services Group.		
DefaultHoldEnable	Read-write	None
Enables/Disables the holding service. This service allows to temporarily put an active call on hold, usually by using the 'flash' button of the telephone. The user can resume the call in the same way. This service has no dependencies on other services being enabled. If a specific configuration is set in the **EpSpecificHold.Enable** parameter and the **EpSpecificHold.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
EpSpecificHold.{i}.	Present	N/A
Endpoint Specific Subscriber Services Enabling Configuration.		
EpId	Read-only	None
String that identifies an endpoint in other tables.		
EnableConfig	Read-write	None

Name	Access	Notification
Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultHoldEnable** parameter. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificHold.Enable** parameter.		
Enable	Read-write	None
Enables/Disables the holding service. This service allows to temporarily put an active call on hold, usually by using the 'flash' button of the telephone. The user can resume the call in the same way. This service has no dependencies on other services being enabled. This configuration overrides the default configuration set in the **DefaultHoldEnable** parameter if the **EpSpecificHold.EnableConfig** parameter is set to 'Enable'.		
HoldStatus.{i}.	Present	N/A
A table of the hold services status for the endpoint, indexed by the endpoint ID.		
EpId	Read-only	None
String that identifies an endpoint in other tables.		
State	Read-only	Passive
Status of the holding service. See the **DefaultHoldEnabling** parameter.		
X_0090F8_EpServ.CallWaiting.	Present	N/A
Call Waiting Services.		
DefaultCallWaitingEnable	Read-write	None

Name	Access	Notification
Enables/Disables the call waiting service. With this service enabled, when an endpoint with an active call receives a new call, it sends a special tone indicating that a call is waiting on the second line. The user may then answer that call by using the 'flash' button of the telephone. The user can switch between the two active calls by using the 'flash' button. To enable this service, the call hold service must be enabled as well. The user may cancel this service by dialing the DTMF sequence stored in the **DefaultCallWaitingCancelDtmfMap** parameter. See the **DefaultHoldEnable** and **DefaultCallWaitingCancelDtmfMap** parameters. If a specific configuration is set in the **EpSpecificCallWaiting.Enable** parameter and the **EpSpecificCallWaiting.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
DefaultCallWaitingCancelDtmfMap	Read-write	None
DTMF map the user can dial to disable the call waiting service. This service is cancelled on a per-call basis. This DTMF map must follow the syntax for DTMF maps as declared in the DTMF maps configuration. Note that dialing this DTMF map does not have any effect unless the call waiting service's status is 'enabled'. See the **DefaultCallWaitingEnable** parameter.		
DefaultCallWaitingActivationDtmfMap	Read-write	None
DTMF map the user can dial to activate the call waiting service. This DTMF map must follow the syntax for DTMF maps as declared in the DTMF maps configuration. Note that dialing this DTMF map does not have any effect unless the call waiting service's status is 'enabled'. See the **DefaultCallWaitingEnable** parameter.		
DefaultCallWaitingDeactivationDtmfMap	Read-write	None
DTMF map the user can dial to deactivate the call waiting service. This DTMF map must follow the syntax for DTMF maps as declared in the DTMF maps configuration. Note that dialing this DTMF map does not have any effect unless the call waiting service's status is 'enabled'. See the **DefaultCallWaitingEnable** parameter.		
EpSpecificCallWaiting.{i}.	Present	N/A
Endpoint Specific Subscriber Services Enabling Configuration.		

Name		Access	Notification
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None
	Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCallWaitingEnable** parameter. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCallWaiting.Enable** parameter.		
Enable		Read-write	None
	Enables/Disables the call waiting service. With this service enabled, when an endpoint with an active call receives new calls, it sends a special tone indicating that a call is waiting on the second line. The user may then answer that call by using the 'flash' button of the telephone. The user can switch between the two active calls by using the 'flash' button. To enable this service, the call hold service must be enabled as well. The user cancels this service when dialing a DTMF sequence matching the DTMF map stored in **DefaultCallWaitingCancelDtmfMap** parameter. See the **DefaultHoldEnable** and **DefaultCallWaitingCancelDtmfMap** parameters. This configuration overrides the default configuration set in the **DefaultCallWaitingEnable** parameter if the **EpSpecificCallWaiting.EnableConfig** parameter is set to 'Enable'.		
CallWaitingStatus.{i}.		Present	N/A
	A table of the call waiting service status for the endpoint, indexed by the endpoint ID.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
State		Read-only	Active
	Status of the call waiting service. See the **DefaultCallWaitingEnable** parameter.		
CallWaitingUserConfig.{i}.		Present	N/A
	A table of the call waiting service user config for the endpoint, indexed by the endpoint ID.		
EpId		Read-only	None

Name		Access	Notification
	String that identifies the endpoint.		
State		Read-write	None
	User config of the call waiting service. • Active: Indicates that the call waiting service is active (usable) for that line. • Inactive: Indicates that the call waiting service for that line has been deactivated by the user.		
X_0090F8_EpServ.SecondCall.		Present	N/A
	Second Call Services Group.		
DefaultSecondCallEnable		Read-write	None
	Enables/Disables the second call service. This service allows a user with an active call to put the call on hold and initiate a new call on the second line. This service is most useful in conjunction with the transfer and conference services. To enable this service, the call hold service must be enabled as well. See the **DefaultHoldEnable** parameter. If a specific configuration is set in the **EpSpecificSecondCall.Enable** parameter and the **EpSpecificSecondCall.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
DefaultSecondCallDisconnectAction		Read-write	None
	The action to execute when the second call disconnects: • Wait: This is the normal behavior. The end-of-call tone will be played until the user either flash hook to go back to the first call or on-hook to disconnect the first call. • AutoSwitch: This will play a specific tone then automatically switch back to the first call. Unless the user either flash hook or on-hook while the tone plays. Then those action have the same effect as when wait is choosen If a specific configuration is set in the **EpSpecificSecondCall.DisconnectAction** parameter and the **EpSpecificSecondCall.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		

Name		Access	Notification
EpSpecificSecondCall.{i}.		Present	N/A
	Endpoint Specific Subscriber Services Enabling Configuration.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None
	Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultSecondCallEnable** parameter. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificSecondCall.Enable** parameter.		
Enable		Read-write	None
	Enables/Disables the second call service. This service allows a user with an active call to put the call on hold and initiate a new call on the second line. This service is most useful in conjunction with the transfer and conference services. To enable this service, the call hold service must be enabled as well. See the **DefaultHoldEnable** parameter. This configuration overrides the default configuration set in the **DefaultSecondCallEnable** parameter if the **EpSpecificSecondCall.EnableConfig** parameter is set to 'Enable'.		
DisconnectAction		Read-write	None

Name	Access	Notification
The action to execute when the second call disconnects: • Wait: This is the normal behavior. The end-of-call tone will be played until the user either flash hook to go back to the first call or on-hook to disconnect the first call. • AutoSwitch: This will play a specific tone then automatically switch back to the first call. Unless the user either flash hook or on-hook while the tone plays. Then those action have the same effect as when wait is choosen This configuration overrides the default configuration set in the **DefaultSecondCallDisconnectAction** parameter if the **EpSpecificSecondCall.EnableConfig** parameter is set to 'Enable'.		
SecondCallStatus.{i}.	Present	N/A
A table of the second call services status for the endpoint, indexed by the endpoint ID.		
EpId	Read-only	None
String that identifies an endpoint in other tables.		
State	Read-only	Passive
Status of the second call service. See the **DefaultSecondCallEnable** parameter.		
X_0090F8_EpServ.Transfer.	Present	N/A
Transfer Services Group.		
DefaultTransferBlindEnable	Read-write	None

Name		Access	Notification
	Enables/Disables the blind call transfer service, also known as Transfer without Consultation or Unattended Transfer. The method used to perform the blind transfer is defined in **DefaultTransferBlindType** When the **DefaultTransferBlindType** is set to TargetSecondCall, this service allows a user to transfer a call on hold to a still ringing (unanswered) call. Starting with an active call, a user can put the call on hold, initiate a call to a third party, then transfer the participant that is currently on hold to the third party. This must be done before the third party has answered. In case the third party answers, the transfer becomes an Attended Transfer. The user requests the transfer by hanging up the handset. Once the transfer is executed, the remaining calls (call on hold and ringing call with third party) are then connected together. The call on hold is automatically unheld and hears the ringback tone provided by the third party's ringing. In some configurations, the transfer execution is delayed until the third party answers. To enable this service, the call hold AND second call services must be enabled as well. See the **DefaultHoldEnable** and **DefaultSecondCallEnable** parameters. When the **DefaultTransferBlindType** is set to TargetDial, this service allows a user to transfer a call on hold directly to a dialed destination. Starting with an active call, a user can put the call on hold, then dial the destination of the transfer. A confirmation tone is played after the dialed number match a digit map and the call on hold is been transfered. The user can then hang-up or flash to initiate a new call. To enable this service, the call hold must be enabled as well AND the second call services must not be enabled. See the **DefaultHoldEnable** and **DefaultSecondCallEnable** parameters. Also see the **DefaultTransferAttendedEnable** parameter for a variation of the transfer method. If a specific configuration is set in the **EpSpecificTransfer.BlindEnable** parameter and the **EpSpecificTransfer.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration. See also **SipEp.InteropWaitConfirmedDialogForBlindTransfer**.		
DefaultTransferBlindType		Read-write	None

Name	Access	Notification
Specifies how to initiate a blind transfer. • TargetSecondCall: The blind transfer will be initiated from the call on hold to the unanswered call after the dialing of the target. • TargetDial: The blind transfer will be initiated from the call on hold to the dialed target without making a call to the target. This parameter only has an effect when the blind transfer service is enabled. See the **DefaultTransferBlindEnable** parameter.		
DefaultTransferAttendedEnable	Read-write	None
Enables/Disables the attended call transfer service, also known as Transfer with Consultation. This service allows a user to transfer a call on hold to an active call. Starting with an active call, a user can put the call on hold, initiate a call to a third party, wait for the third party to answer, then transfer the participant that is currently on hold to the third party. The transfer is triggered by the user hanging up the handset. The remaining calls (call on hold and active call with third party) are then connected together. To enable this service, the call hold AND second call services must be enabled as well. See the **DefaultHoldEnable** and **DefaultSecondCallEnable** parameters. If a specific configuration is set in the **EpSpecificTransfer.AttendedEnable** parameter and the **EpSpecificTransfer.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
EpSpecificTransfer.{i}.	Present	N/A
Endpoint Specific Subscriber Services Enabling Configuration.		
EpId	Read-only	None
String that identifies an endpoint in other tables.		
EnableConfig	Read-write	None

Name		Access	Notification
	Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultTransferBlindEnable** and **DefaultTransferAttendedEnable** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificTransfer.BlindEnable** and **EpSpecificTransfer.AttendedEnable** parameter.		
BlindEnable		Read-write	None

Name		Access	Notification
	Enables/Disables the blind call transfer service, also known as called Transfer without Consultation or Unattended Transfer. The method used to perform the blind transfer is defined in **DefaultTransferBlindType** When the **DefaultTransferBlindType** is set to TargetSecondCall, this service allows a user to transfer a call on hold to a still ringing (unanswered) call. Starting with an active call, a user can put the call on hold, initiate a call to a third party, then transfer the participant that is currently on hold to the third party. This must be done before the third party has answered. In case the third party answers, the transfer becomes an Attended Transfer. The user requests the transfer by hanging up the handset. Once the transfer is executed, the remaining calls (call on hold and ringing call with third party) are then connected together. The call on hold is automatically unheld and hears the ringback tone provided by the third party's ringing. In some configurations, the transfer execution is delayed until the third party answers. To enable this service, the call hold AND second call services must be enabled as well. See the **DefaultHoldEnable** and **DefaultSecondCallEnable** parameters. When the **DefaultTransferBlindType** is set to TargetDial, this service allows a user to transfer a call on hold directly to a dialed destination. Starting with an active call, a user can put the call on hold, then dial the destination of the transfer. A confirmation tone is played after the dialed number match a digit map and the call on hold is been transfered. The user can then hang-up or flash to initiate a new call. To enable this service, the call hold must be enabled as well AND the second call services must not be enabled. See the **DefaultHoldEnable** and **DefaultSecondCallEnable** parameters. Also see the **DefaultTransferAttendedEnable** parameter for a variation of the transfer method. This configuration overrides the default configuration set in the **DefaultTransferBlindEnable** parameter if the **EpSpecificTransfer.EnableConfig** parameter is set to 'Enable'. See also **SipEp.InteropWaitConfirmedDialogForBlindTransfer**.		
AttendedEnable		Read-write	None

Name		Access	Notification
	Enables/Disables the attended call transfer service, also known as Transfer with Consultation. This service allows a user to transfer a call on hold to an active call. Starting with an active call, a user can put the call on hold, initiate a call to a third party, wait for the third party to answer, then transfer the participant that is currently on hold to the third party. The transfer is triggered by the user hanging up the handset. The remaining calls (call on hold and active call with third party) are then connected together. For this service to be enabled, the call hold AND second call services must be enabled as well. See the **DefaultHoldEnable** and **DefaultSecondCallEnable** parameters. This configuration overrides the default configuration set in the **DefaultTransferAttendedEnable** parameter if the **EpSpecificTransfer.EnableConfig** parameter is set to 'Enable'.		
TransferStatus.{i}.		Present	N/A
	A table of the transfer services status for the endpoint, indexed by the endpoint ID.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
BlindState		Read-only	Passive
	Status of the blind transfer service. See the **DefaultTransferBlindEnable** parameter.		
AttendedState		Read-only	Passive
	Status of the attended transfer service. See the **DefaultTransferAttendedEnable** parameter.		
X_0090F8_EpServ.Conference.		Present	N/A
	Conference Services Group.		
DefaultConferenceEnable		Read-write	None

Name		Access	Notification
	Enables/Disables the call conference service. This service allows a user to link two or more calls together to form a single conversation, called a conference. Starting with an active call, a user can put the call on hold, initiate a call to a third party, wait for the third party to answer, then use the 'flash' button of the telephone to start the conference with the call that is already on hold. • Currently, only 3-way conferences are supported. • Currently, a participant of the conference can put the conference on hold and attempt other calls. This participant may then rejoin the conference at a later time by unholding it. The endpoint that has initiated the conference is NOT able to put the conference on hold. To enable this service, the call hold AND second call services must be enabled as well. See the **DefaultHoldEnable** parameter and **DefaultSecondCallEnable**. If a specific configuration is set in the **EpSpecificConference.Enable** parameter and the **EpSpecificConference.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
DefaultConferenceType		Read-write	None

Name	Access	Notification
Specifies how to manage the conference. This configuration only applies to a conference initiated by one of the unit's endpoint. • Local: The media of the conference is locally mixed by the unit. This conference type does not require any special support of the call peer or server. Using this type of conference can reduce the number of simultaneous calls supported. • ConferenceServer: The unit uses an external server to mix the media of the conference. This conference type requires the configuration of an external server (See the **SipEp.DefaultStaticConferenceServerUri** parameter). Using this type of conference does not affect the number of simultaneous calls supported. This parameter only has an effect when the conference service is enabled. See the **DefaultConferenceEnable** parameter. In Local mode, the number of participants is limited to the unit's model capacity. In ConferenceServer mode, the number of participants is limited by the server's capacity. If a specific configuration is set in the **EpSpecificConference.Enable** parameter and the **EpSpecificConference.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
EpSpecificConference.{i}.	Present	N/A
Endpoint Specific Subscriber Services Enabling Configuration.		
EpId	Read-only	None
String that identifies an endpoint in other tables.		
EnableConfig	Read-write	None
Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultConferenceEnable** and **DefaultConferenceType** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificConference.Enable** and **EpSpecificConference.Type** parameters.		

Name		Access	Notification
Enable		Read-write	None
	Enables/Disables the call conference service. This service allows a user to link two or more calls together to form a single conversation, called a conference. Starting with an active call, a user can put the call on hold, initiate a call to a third party, wait for the third party to answer, then use the 'flash' button of the telephone to start the conference with the call that is already on hold. • Currently, only 3-way conferences are supported. • Currently, a participant of the conference can put the conference on hold and attempt other calls. This participant may then rejoin the conference at a later time by unholding it. The endpoint that has initiated the conference is NOT able to put the conference on hold. To enable this service, the call hold AND second call services must be enabled as well. See the **DefaultHoldEnable** parameter and **DefaultSecondCallEnable**. This configuration overrides the default configuration set in the **DefaultConferenceEnable** parameter if the **EpSpecificConference.EnableConfig** parameter is set to 'Enable'.		
Type		Read-write	None

Name		Access	Notification
	Specifies how to manage the conference. This configuration only applies to a conference initiated by one of the unit's endpoint. • Local: The media of the conference is locally mixed by the unit. This conference type does not require any special support of the call peer or server. Using this type of conference can reduce the number of simultaneous calls supported. • ConferenceServer: The unit use an external server to mix the media of the conference. This conference type requires the configuration of an external server (See the **SipEp.DefaultStaticConferenceServerUri** parameter). Using this type of conference does not affect the number of simultaneous calls supported. This parameter only has an effect when the conference service is enabled. See the **DefaultConferenceEnable** parameter. This configuration overrides the default configuration set in the **DefaultConferenceType** parameter if the **EpSpecificConference.EnableConfig** parameter is set to 'Enable'.		
ConferenceStatus.{i}.		Present	N/A
	A table of the conference services status for the endpoint, indexed by the endpoint ID.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
State		Read-only	Passive
	Status of the conference service. See the **DefaultConferenceEnable** parameter.		
X_0090F8_EpServ.Forward.		Present	N/A
	Forward Group.		
X_0090F8_EpServ.Forward.ForwardUnconditional.		Present	N/A
	Forward Unconditional Group.		
DefaultForwardUnconditionalEnable		Read-write	None

Name		Access	Notification
	Enables/Disables the unconditional call forward service. This service allows a user to forward ALL incoming calls to a specified target. A short ring is emitted to alert the user that the call has been forwarded, but the user cannot pick up the call from that location. If enabled, the user can dial the DTMF maps for enabling and disabling this service. See the **ForwardingAddress**, **DefaultForwardUnconditionalDtmfMapActivation** and **DefaultForwardUnconditionalDtmfMapDeactivation** parameters. If a specific configuration is set in the **EpSpecificForwardUnconditional.Enable** parameter and the **EpSpecificForwardUnconditional.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
DefaultForwardUnconditionalDtmfMapActivation		Read-write	None
	DTMF map the user can dial to enable the application of the service. This DTMF map must follow the syntax for DTMF maps as declared in the DTMF maps configuration. Note that dialing this DTMF map does not have any effect unless the service's status is 'enabled'. See the **DefaultForwardUnconditionalEnable** parameter.		
DefaultForwardUnconditionalDtmfMapDeactivation		Read-write	None
	DTMF map the user can dial to disable the application of the service. This DTMF map must follow the syntax for DTMF maps as declared in the DTMF maps configuration. Note that dialing this DTMF map does not have any effect unless the service's status is 'enabled'. See the **DefaultForwardUnconditionalEnable** parameter.		
EpSpecificForwardUnconditional.{i}.		Present	N/A
	Endpoint Specific Subscriber Services Enabling Configuration.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None

Name	Access	Notification
Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultForwardUnconditionalEnable** parameter. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificForwardUnconditional.Enable** parameter.		
Enable	Read-write	None
Enables/Disables the unconditional call forward service. This service allows a user to forward ALL incoming calls to a specified target. A short ring is emitted to alert the user that the call has been forwarded, but the user cannot pick up the call from that location. If enabled, the user can dial the DTMF maps for enabling and disabling this service. See the **ForwardingAddress** parameter. This configuration overrides the default configuration set in the **DefaultForwardUnconditionalEnable** parameter if the **EpSpecificForwardUnconditional.EnableConfig** parameter is set to 'Enable'.		
ForwardUnconditionalConfig.{i}.	Present	N/A
A table of the unconditional call forward activation for the endpoint, indexed by the endpoint ID.		
EpId	Read-only	None
String that identifies an endpoint in other tables.		
Activation	Read-write	Active
Activation state of the unconditional call forward service. Using the DTMF maps configured for this service, the user can use his/her handset to activate or deactivate this service. In that case, the parameter is automatically updated to reflect the activation status. This service can also be activated or deactivated by setting the value of this parameter.		
ForwardingAddress	Read-write	Active
Address or telephone number to which the user wants to forward calls.		
X_0090F8_EpServ.Forward.ForwardOnBusy.	Present	N/A
Forward On Busy Group.		
DefaultForwardOnBusyEnable	Read-write	None

Name		Access	Notification
	Enables/Disables the call forward on busy service. This service allows a user to forward incoming calls to a specified target when the user is already participating in another call. The user does not have any feedback that a call was forwarded. If enabled, the user can dial the DTMF maps for enabling and disabling this service. See the **ForwardingAddress**, **DefaultForwardOnBusyDtmfMapActivation**, and **DefaultForwardOnBusyDtmfMapDeactivation** parameters. If a specific configuration is set in the **EpSpecificForwardOnBusy.Enable** parameter and the **EpSpecificForwardOnBusy.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
DefaultForwardOnBusyDtmfMapActivation		Read-write	None
	DTMF map the user can dial to enable the application of the service. This DTMF map must follow the syntax for DTMF maps as declared in the DTMF maps configuration. Note that dialing this DTMF map does not have any effect unless the service's status is 'enabled'. See the **DefaultForwardOnBusyEnable** parameter.		
DefaultForwardOnBusyDtmfMapDeactivation		Read-write	None
	DTMF map the user can dial to disable the application of the service. This DTMF map must follow the syntax for DTMF maps as declared in the DTMF maps configuration. Note that dialing this DTMF map does not have any effect unless the service's status is 'enabled'. See the **DefaultForwardOnBusyEnable** parameter.		
EpSpecificForwardOnBusy.{i}.		Present	N/A
	Endpoint Specific Subscriber Services Enabling Configuration.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None

Name	Access	Notification
Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultForwardOnBusyEnable** parameter. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificForwardOnBusy.Enable** parameter.		
Enable	Read-write	None
Enables/Disables the call forward on busy service. This service allows a user to forward incoming calls to a specified target when the user is already participating in another call. The user does not have any feedback that a call was forwarded. If enabled, the user can dial the DTMF maps for enabling and disabling this service. See the **ForwardingAddress** parameter. This configuration overrides the default configuration set in the **DefaultForwardOnBusyEnable** parameter if the **EpSpecificForwardOnBusy.EnableConfig** parameter is set to 'Enable'.		
ForwardOnBusyConfig.{i}.	Present	N/A
A table of the call forward on busy activation for the endpoint, indexed by the endpoint ID.		
EpId	Read-only	None
String that identifies an endpoint in other tables.		
Activation	Read-write	Active
Activation status of the call forward on busy service. Using the DTMF maps configured for this service, the user can use his/her handset to activate or deactivate this service. In that case, the parameter is automatically updated to reflect the activation status. This service can also be activated or deactivated by setting the value of this parameter.		
ForwardingAddress	Read-write	Active
Address or telephone number to which the user wants to forward calls.		
X_0090F8_EpServ.Forward.ForwardNoAnswer.	Present	N/A
Forward On No Answer Group.		
DefaultForwardNoAnswerEnable	Read-write	None

Name		Access	Notification
	Enables/Disables the call forward on no answer service. This service allows a user to forward incoming calls to a specified target when the user is unable to pick up the call before the timeout, specified by the **DefaultForwardNoAnswerTimeout** parameter, expires. The user does not have any feedback that a call was forwarded. If enabled, the user can dial the DTMF maps for enabling and disabling this service. See the **ForwardingAddress**, **Timeout**, **DefaultForwardNoAnswerDtmfMapActivation** and **DefaultForwardNoAnswerDtmfMapDeactivation** parameters. If a specific configuration is set in the **EpSpecificForwardNoAnswer.Enable** parameter and the **EpSpecificForwardNoAnswer.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
DefaultForwardNoAnswerTimeout		Read-write	None
	Time, in milliseconds, the telephone keeps ringing before the call forwarding activates. If a specific configuration is set in the **EpSpecificForwardNoAnswer.Timeout** parameter and the **EpSpecificForwardNoAnswer.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
DefaultForwardNoAnswerDtmfMapActivation		Read-write	None
	DTMF map the user can dial to enable the application of the service. This DTMF map must follow the syntax for DTMF maps as declared in the DTMF maps configuration. Note that dialing this DTMF map does not have any effect unless the service's status is 'enabled'. See the **DefaultForwardNoAnswerEnable** parameter.		
DefaultForwardNoAnswerDtmfMapDeactivation		Read-write	None
	DTMF map the user can dial to disable the application of the service. This DTMF map must follow the syntax for DTMF maps as declared in the DTMF maps configuration. Note that dialing this DTMF map does not have any effect unless the service's status is 'enabled'. See the **DefaultForwardNoAnswerEnable** parameter.		
EpSpecificForwardNoAnswer.{i}.		Present	N/A
	Endpoint Specific Subscriber Services Enabling Configuration.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		

Name		Access	Notification
EnableConfig		Read-write	None
	Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultForwardNoAnswerEnable** and **DefaultForwardNoAnswerTimeout** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificForwardNoAnswer.Enable** and **EpSpecificForwardNoAnswer.Timeout** parameters.		
Enable		Read-write	None
	Enables/Disables the call forward on no answer service. This service allows a user to forward incoming calls to a specified target when the user is unable to pick up the call before the timeout, specified by Timeout, expires. The user does not have any feedback that a call was forwarded. If enabled, the user can dial the DTMF maps for enabling and disabling this service. See the **ForwardingAddress** and **Timeout** parameters. This configuration overrides the default configuration set in the **DefaultForwardNoAnswerEnable** parameter if the **EpSpecificForwardNoAnswer.EnableConfig** parameter is set to 'Enable'.		
Timeout		Read-write	None
	Time, in milliseconds, the telephone keeps ringing before the call forwarding activates. This configuration overrides the default configuration set in the **DefaultForwardNoAnswerTimeout** parameter if the **EpSpecificForwardNoAnswer.EnableConfig** parameter is set to 'Enable'.		
ForwardNoAnswerConfig.{i}.		Present	N/A
	A table of the call forward no answer activation for the endpoint, indexed by the endpoint ID.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
Activation		Read-write	Active

Name	Access	Notification
Activation status of the call forward on no answer service. Using the DTMF maps configured for this service, the user can use his/her handset to activate or deactivate this service. In that case, the parameter is automatically updated to reflect the activation status. This service can also be activated or deactivated by setting the value of this parameter.		
ForwardingAddress	Read-write	Active
Address or telephone number to which the user wants to forward calls.		
X_0090F8_EpServ.DelayedHotline.	Present	N/A
Delayed Hotline Services Group.		
DefaultDelayedHotlineEnable	Read-write	None
Enables/Disables the delayed hotline service. This service is also called warm line. The delayed hotline allows the user to call a particular destination without dialling. The configured destination is called by picking up the phone and waiting for a configurable number of seconds without dialling. The delayed hotline can also be configured to be initiated if the user does not dial a complete sequence of digits in an allowed time period. The condition to execute the delayed hotline is configurable with the **DefaultDelayedHotlineCondition** parameter and the destination with the **DefaultDelayedHotlineTargetAddress** parameter. If a specific configuration is set in the **EpSpecificDelayedHotline.Enable** parameter and the **EpSpecificDelayedHotline.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
DefaultDelayedHotlineCondition	Read-write	None

Name	Access	Notification
Selects the condition(s) that activate the delayed hotline. • FirstDtmfTimeout: The delayed hotline is activated when the timeout configured in **DtmfMapTimeoutFirstDtmf** elapse. • InterDtmfOrCompletionTimeout: The delayed hotline is activated when the timeout configured in **DtmfMapTimeoutCompletion** elapses or the DTMFs collection fails because the **DtmfMapTimeoutInterDtmf** elapses. • AnyTimeout: The delayed hotline is activated for the condition of 'FirstDtmfTimeout' and 'InterDtmfOrCompletionTimeout'. If a specific configuration is set in the **EpSpecificDelayedHotline.Condition** parameter and the **EpSpecificDelayedHotline.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
DefaultDelayedHotlineTargetAddress	Read-write	None
Address or telephone number of the target of the delayed hotline. If a specific configuration is set in the **EpSpecificDelayedHotline.TargetAddress** parameter and the **EpSpecificDelayedHotline.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
EpSpecificDelayedHotline.{i}.	Present	N/A
A table of the telephony features configuration for the dlayed hotline, indexed by the endpoint ID.		
EpId	Read-only	None
String that identifies an endpoint in other tables.		
EnableConfig	Read-write	None

Name		Access	Notification
	Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultDelayedHotlineEnable**, **DefaultDelayedHotlineCondition** and **DefaultDelayedHotlineTargetAddress** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificDelayedHotline.Enable**, **EpSpecificDelayedHotline.Condition** and **EpSpecificDelayedHotline.TargetAddress** parameters.		
Enable		Read-write	None
	Enables/Disables the delayed hotline service. This service is also called warm line. The delayed hotline allows the user to call a particular destination without dialling. The configured destination is called by picking up the phone and waiting for a configurable number of seconds without dialling. The delayed hotline can also be configured to be initiated if the user does not dial a complete sequence of digits in an allowed time period. The condition to execute the delayed hotline is configurable with the parameter **DefaultDelayedHotlineCondition** and the destination with the parameter **DefaultDelayedHotlineTargetAddress**. This configuration overrides the default configuration set in the **DefaultDelayedHotlineEnable** parameter if the **EpSpecificDelayedHotline.EnableConfig** parameter is set to 'Enable'.		
Condition		Read-write	None

Name	Access	Notification
Select the condition(s) that activate the delayed hotline. • FirstDtmfTimeout: The delayed hotline is activated when the timeout configured in **DtmfMapTimeoutFirstDtmf** elapse. • InterDtmfOrCompletionTimeout: The delayed hotline is activated when the timeout configured in **DtmfMapTimeoutCompletion** elapses or the DTMFs collection fails because the **DtmfMapTimeoutInterDtmf** elapses. • AnyTimeout: The delayed hotline is activated for the condition of 'FirstDtmfTimeout' and 'InterDtmfOrCompletionTimeout'. This configuration overrides the default configuration set in the **DefaultDelayedHotlineCondition** parameter if the **EpSpecificDelayedHotline.EnableConfig** parameter is set to 'Enable'.		
TargetAddress	Read-write	None
Address or telephone number of the target of the delayed hotline. This configuration overrides the default configuration set in the **DefaultDelayedHotlineTargetAddress** parameter if the **EpSpecificDelayedHotline.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_EpServ.DtmfMap.	Present	N/A
DTMF Map Configuration Group.		
DtmfMapTimeoutCompletion	Read-write	None
Total time the user has to dial the DTMF sequence. The timer starts when the dial tone is played. When the timer expires, the receiver off-hook tone is played. This value is expressed in milliseconds (ms). If a specific configuration is set in the **EpSpecificDtmfMapTimeout.Completion** parameter and the **EpSpecificDtmfMapTimeout.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
DtmfMapTimeoutFirstDtmf	Read-write	None
Time the user has to enter the first DTMF after the dial tone. A receiver off-hook is played when the time has elapsed. This value is expressed in milliseconds (ms). If a specific configuration is set in the **EpSpecificDtmfMapTimeout.FirstDtmf** parameter and the **EpSpecificDtmfMapTimeout.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		

Name		Access	Notification
DtmfMapTimeoutInterDtmf		Read-write	None
	Value of the 'T' DTMF in the DTMF map strings. The 'T' DTMF is used to express a time lapse between the detection of two DTMFs. This value is expressed in milliseconds (ms). If a specific configuration is set in the **EpSpecificDtmfMapTimeout.InterDtmf** parameter and the **EpSpecificDtmfMapTimeout.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
EpSpecificDtmfMapTimeout.{i}.		Present	N/A
	A table of the DTMF Map timeout configuration, indexed by the endpoint ID.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None
	Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DtmfMapTimeoutCompletion**, **DtmfMapTimeoutFirstDtmf** and **DtmfMapTimeoutInterDtmf** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificDtmfMapTimeout.Completion**, **EpSpecificDtmfMapTimeout.FirstDtmf** and **EpSpecificDtmfMapTimeout.InterDtmf** parameters.		
Completion		Read-write	None
	Total time the user has to dial the DTMF sequence. The timer starts when the dial tone is played. When the timer expires, the receiver off-hook tone is played. This value is expressed in milliseconds (ms). This configuration overrides the default configuration set in the **DtmfMapTimeoutCompletion** parameter if the **EpSpecificDtmfMapTimeout.EnableConfig** parameter is set to 'Enable'.		
FirstDtmf		Read-write	None

Name		Access	Notification
	Time the user has to enter the first DTMF after the dial tone. A receiver off-hook is played when the time has elapsed. This value is expressed in milliseconds (ms). This configuration overrides the default configuration set in the **DtmfMapTimeoutFirstDtmf** parameter if the **EpSpecificDtmfMapTimeout.EnableConfig** parameter is set to 'Enable'.		
InterDtmf		Read-write	None
	Value of the 'T' DTMF in the DTMF map strings. The 'T' DTMF is used to express a time lapse between the detection of two DTMFs. This value is expressed in milliseconds (ms). This configuration overrides the default configuration set in the **DtmfMapTimeoutInterDtmf** parameter if the **EpSpecificDtmfMapTimeout.EnableConfig** parameter is set to 'Enable'.		

Service Eth

Name		Access	Notification
X_0090F8_Eth.		Present	N/A
	The Ethernet Manager (Eth) service is a DGW system service that manages the unit Ethernet link interfaces.		
Vlan.{i}.		Present	N/A
	This table allows the configuration of the Ethernet Virtual LAN interfaces of the system.		
LinkName		Read-write	None
	Name of the Ethernet link used by the VLAN interface.		
VlanId		Read-write	None
	VLAN ID used by the VLAN interface.		
DefaultUserPriority		Read-write	None
	Default User Priority value the interface uses when tagging packets. Specific service class values may be set in the Local Quality of Service (LQos) in the **LQos.ServiceClasses** table.		
ConfigStatus		Read-only	None
	Configuration status of the row. It indicates whether the configuration of the row is valid or not. Possible values are: • ValidConfig: This entry is valid. • InvalidLinkName: The entry is not valid because the **Eth.LinkName** parameter is either empty or refers to a link that does not exists. • InvalidVlanId: This entry is not valid because VlanId 0 is invalid. • DuplicateLinkVlanId: This entry is not valid because the VLAN ID is already used.		
X_0090F8_Eth.RedundantPorts.		Present	N/A
	Redundant Ports Group.		
RedundantPorts		Read-write	None

Name		Access	Notification
	Controls whether or not the ETH4 and ETH5 ports are redundant and connected to the same subnet. • Disable: Redundant Ports is disabled. • Eth4Eth5: Redundant Ports is enabled. Configuring "Eth4Eth5" means that the traffic of the ETH4 port will automatically switchover to the ETH5 port in case of a link failure on the ETH4 port. To prevent network loop issues, the two ports are never active at the same time – meaning the ETH5 port is disabled while ETH4 is up and running. Note: This feature is not supported on all hardware platforms.		

Service Hoc

Name		Access	Notification
X_0090F8_Hoc.		Present	N/A
	The Host Configuration (Hoc) service manages the IP host parameters and other system settings.		
ManagementInterface		Read-write	None
	Specifies to which network interface the system management services are bound. The name specified here must match an existing **InterfaceName** in the **NetworkInterfacesStatus** table of the Bni service. The special value 'All' means to bind all network interfaces. Note that this parameter is case-sensitive. Note that Advance IP Routing could be required to forward the packet over the correct network.		
AutomaticConfigurationInterface		Read-write	None
	The network interface that provides the IPv4 automatic configuration (Default Router, domain name, DNS servers, and NTP server) used by the unit. Please note that some connection types (for example ipStatic and pppIpcp) cannot obtain information about the domain name, DNS servers, and NTP server from the network, and therefore lead to no domain name being applied to the system.		

Service IpRouting

Name		Access	Notification
X_0090F8_IpRouting.		Present	N/A
	The IP Routing (IpRouting) service manages the unit's IP routing table.		
ApplyConfig		Write	None
	Applies the configured routes.		
RollbackConfig		Write	None
	Rolls back the current configuration to the running configuration as showed in the status. The current configuration is lost.		
Ipv4ForwardingEnable		Read-write	None
	Enables/disables IPv4 forwarding. 1. Enable: Forwarding is enabled. 2. Disable: Forwarding is disabled.		
AdvancedIpRoutes.{i}.		Present	N/A
	This table shows the configured routes in the table.		
Priority		Read-write	None
	Priority of the ip route execution.		
Activation		Read-write	None
	Activates this route. • Enable: Activate this route. • Disable: Do not activate this route.		
SourceAddress		Read-write	None

Name		Access	Notification
	Specifies the source IP address criteria an incoming packet must have to match this rule. When left empty, any source address matches this rule. The supported format for the source network is: IP address[/mask]. When specifying a network name, it is mandatory to use the '/' format. • Example: 192.168.1.0 • Example: 192.168.1.0/24 • Example: Lan1/		
SourceLink		Read-write	None
	Specifies the source link criteria an incoming packet must have to match this rule. When left empty, packets received on any link match this rule.		
ForwardToNetwork		Read-write	None
	Network on which the packet is forwarded.		
X_0090F8_IpRouting.Status.		Present	N/A
	Status Group.		
NumberOfIpRoutesStatusEntries		Read-only	Passive
	Returns the number of entries in IpRoutesStatus table.		
IpRoutesStatus.{i}.		Present	N/A
	This table shows the current IPv4 routes used by the unit.		
Link		Read-only	Passive
	Link (interface) ID.		
Destination		Read-only	Passive
	Destination IP address or network address. When the address is a network address, the format is 'address/mask length' • Example: 192.168.1.25 for an IP address. • Example: 192.168.1.0/24 for a network address with a mask length of 24 bits.		
Gateway		Read-only	Passive
	Specifies the gateway IP address.		
Protocol		Read-only	Passive

Name		Access	Notification
	Identifies the entity that installed the route. • Dhcp: The route was installed dynamically by the DHCP protocol. • Static: The route was installed by the administrator of the unit. • Kernel: The route was installed by the operating system. • Other: The route was installed by another entity.		

Service Mipt

Name		Access	Notification
X_0090F8_Mipt.		Present	N/A
	The Media IP Transport (MIPT) service manages the voice and data encodings over the IP network.		
X_0090F8_Mipt.Codec.		Present	N/A
	Voice Codec.		
DefaultCodecGenericVoiceActivityDetection		Read-write	None
	If Voice Activity Detection (VAD) is enabled, then speech frames are only sent during talkspurts (periods of audio activity). During silence periods, no speech frames are sent, but Comfort Noise (CN) packets containing information about background noise may be sent (see draft-ietf-avt-rtp-cn-05.txt). This parameter specifies the sensitivity of the VAD algorithm to silence periods. The generic VAD is used by codecs without built-in VAD like G.711, G.722, and G.726. • Disable: VAD disabled. • Transparent: VAD enabled - low sensitivity to silence periods. • Conservative: VAD enabled - normal sensitivity to silence periods. If a specific value is set for the **EpSpecificCodec.GenericVoiceActivityDetection** parameter and the **EpSpecificCodec.EnableConfig** parameter is set to 'Enable', then it overrides the current default value.		
EpSpecificCodec.{i}.		Present	N/A
	Endpoint specific configuration.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None

Name	Access	Notification
Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCodecGenericVoiceActivityDetection** parameter. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCodec.GenericVoiceActivityDetection** parameter.		
GenericVoiceActivityDetection	Read-write	None
If Voice Activity Detection (VAD) is enabled, then speech frames are only sent during talkspurts (periods of audio activity). During silence periods, no speech frames are sent, but Comfort Noise (CN) packets containing information about background noise may be sent (see draft-ietf-avt-rtp-cn-05.txt). This parameter specifies the sensitivity of the VAD algorithm to silence periods. The generic VAD is used by codecs without built-in VAD like G.711, G.722, and G.726. • Disable: VAD disabled. • Transparent: VAD enabled - low sensitivity to silence periods. • Conservative: VAD enabled - normal sensitivity to silence periods. This configuration overrides the default configuration set in the **DefaultCodecGenericVoiceActivityDetection** parameter if the **EpSpecificCodec.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_Mipt.Codec.CodecG711.	Present	N/A
G.711 Voice Codec.		
X_0090F8_Mipt.Codec.CodecG711.CodecG711Mulaw.	Present	N/A
G.711 Mu-Law Voice Codec Group.		
DefaultCodecG711MulawVoiceEnable	Read-write	None

Name		Access	Notification
	Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. PCMA and PCMU are specified in ITU-T Recommendation G.711. Audio data is encoded as eight bits per sample, after logarithmic scaling. PCMU denotes mu-law scaling, PCMA A-law scaling. This codec uses generic voice activity detection. See the **DefaultCodecGenericVoiceActivityDetection** and **EpSpecificCodec.GenericVoiceActivityDetection** parameters. This codec always uses the RTP transport. If a specific value is set for the **EpSpecificCodecG711Mulaw.VoiceEnable** parameter and the **EpSpecificCodecG711Mulaw.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG711MulawVoicePriority		Read-write	None
	Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming call. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecG711Mulaw.VoicePriority** parameter and the **EpSpecificCodecG711Mulaw.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG711MulawDataEnable		Read-write	None
	Indicates if the codec can be selected for data transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. If a specific value is set for the **EpSpecificCodecG711Mulaw.DataEnable** parameter and the **EpSpecificCodecG711Mulaw.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG711MulawDataPriority		Read-write	None
	Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming call. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecG711Mulaw.DataPriority** parameter and the **EpSpecificCodecG711Mulaw.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG711MulawMinPTime		Read-write	None

Name	Access	Notification
Lower boundary for the packetization period of the given codec. PCMU -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG711Mulaw.MinPTime** parameter and the **EpSpecificCodecG711Mulaw.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG711MulawMaxPTime	Read-write	None
Upper boundary for the packetization period of the given codec. PCMU -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG711Mulaw.MaxPTime** parameter and the **EpSpecificCodecG711Mulaw.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
EpSpecificCodecG711Mulaw.{i}.	Present	N/A
Endpoint specific configuration.		
EpId	Read-only	None
String that identifies an endpoint in other tables.		
EnableConfig	Read-write	None

Name	Access	Notification
Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCodecG711MulawVoiceEnable**, **DefaultCodecG711MulawVoicePriority**, **DefaultCodecG711MulawDataEnable**, **DefaultCodecG711MulawDataPriority**, **DefaultCodecG711MulawMinPTime** and **DefaultCodecG711MulawMaxPTime** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCodecG711Mulaw.VoiceEnable**, **EpSpecificCodecG711Mulaw.VoicePriority**, **EpSpecificCodecG711Mulaw.DataEnable**, **EpSpecificCodecG711Mulaw.DataPriority**, **EpSpecificCodecG711Mulaw.MinPTime** and **EpSpecificCodecG711Mulaw.MaxPTime** parameters.		
VoiceEnable	Read-write	None
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. PCMA and PCMU are specified in ITU-T Recommendation G.711. Audio data is encoded as eight bits per sample, after logarithmic scaling. PCMU denotes mu-law scaling, PCMA A-law scaling. This codec uses generic voice activity detection. See the **DefaultCodecGenericVoiceActivityDetection** and **EpSpecificCodec.GenericVoiceActivityDetection** parameters. This codec always uses the RTP transport. This configuration overrides the default configuration set in the **DefaultCodecG711MulawVoiceEnable** parameter if the **EpSpecificCodecG711Mulaw.EnableConfig** parameter is set to 'Enable'.		
VoicePriority	Read-write	None

Name		Access	Notification
	Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecG711MulawVoicePriority** parameter if the **EpSpecificCodecG711Mulaw.EnableConfig** parameter is set to 'Enable'.		
DataEnable		Read-write	None
	Indicates if the codec can be selected for data transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. This configuration overrides the default configuration set in the **DefaultCodecG711MulawDataEnable** parameter if the **EpSpecificCodecG711Mulaw.EnableConfig** parameter is set to 'Enable'.		
DataPriority		Read-write	None
	Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecG711MulawDataPriority** parameter if the **EpSpecificCodecG711Mulaw.EnableConfig** parameter is set to 'Enable'.		
MinPTime		Read-write	None
	Lower boundary for the packetization period of the given codec. PCMU -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG711MulawMinPTime** parameter if the **EpSpecificCodecG711Mulaw.EnableConfig** parameter is set to 'Enable'.		
MaxPTime		Read-write	None

Name	Access	Notification
Upper boundary for the packetization period of the given codec. PCMU -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG711MulawMaxPTime** parameter if the **EpSpecificCodecG711Mulaw.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_Mipt.Codec.CodecG711.CodecG711Alaw.	Present	N/A
G.711 A-law Voice Codec Group.		
DefaultCodecG711AlawVoiceEnable	Read-write	None
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. PCMA and PCMU are specified in ITU-T Recommendation G.711. Audio data is encoded as eight bits per sample, after logarithmic scaling. PCMU denotes mu-law scaling, PCMA A-law scaling. This codec uses generic voice activity detection. See the **DefaultCodecGenericVoiceActivityDetection** and **EpSpecificCodec.GenericVoiceActivityDetection** parameters. This codec always uses the RTP transport. If a specific value is set for the **EpSpecificCodecG711Alaw.VoiceEnable** parameter and the **EpSpecificCodecG711Alaw.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG711AlawVoicePriority	Read-write	None
Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecG711Alaw.VoicePriority** parameter and the **EpSpecificCodecG711Alaw.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG711AlawDataEnable	Read-write	None
Indicates if the codec can be selected for data transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. If a specific value is set for the **EpSpecificCodecG711Alaw.DataEnable** parameter and the **EpSpecificCodecG711Alaw.EnableConfig** parameters is set to 'Enable', then the specific value will override the current default value.		

Name		Access	Notification
DefaultCodecG711AlawDataPriority		Read-write	None
	Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecG711Alaw.DataPriority** parameter and the **EpSpecificCodecG711Alaw.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG711AlawMinPTime		Read-write	None
	Lower boundary for the packetization period of the given codec. PCMA -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG711Alaw.MinPTime** parameter and the **EpSpecificCodecG711Alaw.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG711AlawMaxPTime		Read-write	None
	Upper boundary for the packetization period of the given codec. PCMA -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100m s with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG711Alaw.MaxPTime** parameter and the **EpSpecificCodecG711Alaw.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
EpSpecificCodecG711Alaw.{i}.		Present	N/A
	Endpoint specific configuration.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None

Name	Access	Notification
Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCodecG711AlawVoiceEnable**, **DefaultCodecG711AlawVoicePriority**, **DefaultCodecG711AlawDataEnable**, **DefaultCodecG711AlawDataPriority**, **DefaultCodecG711AlawMinPTime** and **DefaultCodecG711AlawMaxPTime** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCodecG711Alaw.VoiceEnable**, **EpSpecificCodecG711Alaw.VoicePriority**, **EpSpecificCodecG711Alaw.DataEnable**, **EpSpecificCodecG711Alaw.DataPriority**, **EpSpecificCodecG711Alaw.MinPTime** and **EpSpecificCodecG711Alaw.MaxPTime** parameters.		
VoiceEnable	Read-write	None
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. PCMA and PCMU are specified in ITU-T Recommendation G.711. Audio data is encoded as eight bits per sample, after logarithmic scaling. PCMU denotes mu-law scaling, PCMA A-law scaling. This codec uses generic voice activity detection. See the **DefaultCodecGenericVoiceActivityDetection** and **EpSpecificCodec.GenericVoiceActivityDetection** parameters. This codec always uses the RTP transport. This configuration overrides the default configuration set in the **DefaultCodecG711AlawVoiceEnable** parameter if the **EpSpecificCodecG711Alaw.EnableConfig** parameter is set to 'Enable'.		
VoicePriority	Read-write	None
Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecG711AlawVoicePriority** parameter if the **EpSpecificCodecG711Alaw.EnableConfig** parameter is set to 'Enable'.		

Name		Access	Notification
DataEnable		Read-write	None
	Indicates if the codec can be selected for data transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. This configuration overrides the default configuration set in the **DefaultCodecG711AlawDataEnable** parameter if the **EpSpecificCodecG711Alaw.EnableConfig** parameter is set to 'Enable'.		
DataPriority		Read-write	None
	Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecG711AlawDataPriority** parameter if the **EpSpecificCodecG711Alaw.EnableConfig** parameter is set to 'Enable'.		
MinPTime		Read-write	None
	Lower boundary for the packetization period of the given codec. PCMA -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG711AlawMinPTime** parameter if the **EpSpecificCodecG711Alaw.EnableConfig** parameter is set to 'Enable'.		
MaxPTime		Read-write	None
	Upper boundary for the packetization period of the given codec. PCMA -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG711AlawMaxPTime** parameter if the **EpSpecificCodecG711Alaw.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_Mipt.Codec.CodecG722.		Present	N/A
	G.722 Voice Codec Group.		
DefaultCodecG722VoiceEnable		Read-write	None

Name	Access	Notification
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. G.722 is specified in ITU Recommendation G.722, 7 kHz audio-coding within 64 kbit/s. This Recommendation describes the characteristics of an audio wideband (50 to 7 000 Hz) coding system used for higher quality speech applications. Although G.722 is a wideband codec, the perceived audio quality would be limited by the telephony interfaces, which only support narrowband audio (50 to 4 000 Hz). Note: Supports only a bitrate of 64 kbps. This codec always uses the RTP transport. If a specific value is set for the **EpSpecificCodecG722.VoiceEnable** parameter and the **EpSpecificCodecG722.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG722VoicePriority	Read-write	None
Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecG722.VoicePriority** parameter and the **EpSpecificCodecG722.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG722MinPTime	Read-write	None
Lower boundary for the packetization period of the given codec. G.722 -> (10 ms|20 ms|30 ms) This value is expressed in ms, with increments of 10 ms. If a specific value is set for the **EpSpecificCodecG722.MinPTime** parameter and the **EpSpecificCodecG722.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG722MaxPTime	Read-write	None
Upper boundary for the packetization period of the given codec. G.722 -> (10 ms|20 ms|30 ms) This value is expressed in ms, with increments of 10 ms. If a specific value is set for the **EpSpecificCodecG722.MaxPTime** parameter and the **EpSpecificCodecG722.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
EpSpecificCodecG722.{i}.	Present	N/A
Endpoint specific configuration.		

Name		Access	Notification
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None
	Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCodecG722VoiceEnable**, **DefaultCodecG722VoicePriority**, **DefaultCodecG722MinPTime** and **DefaultCodecG722MaxPTime** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCodecG722.VoiceEnable**, **EpSpecificCodecG722.VoicePriority**, **EpSpecificCodecG722.MinPTime** and **EpSpecificCodecG722.MaxPTime** parameters.		
VoiceEnable		Read-write	None
	Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. G.722 is specified in ITU Recommendation G.722, 7 kHz audio-coding within 64 kbit/s. This Recommendation describes the characteristics of an audio wideband (50 to 7 000 Hz) coding system used for higher quality speech applications. Although G.722 is a wideband codec, the perceived audio quality would be limited by the telephony interfaces, which only support narrowband audio (50 to 4 000 Hz). Note: Supports only a bitrate of 64 kbps. This codec always uses the RTP transport. This configuration overrides the default configuration set in the **DefaultCodecG722VoiceEnable** parameter if the **EpSpecificCodecG722.EnableConfig** parameter is set to 'Enable'.		
VoicePriority		Read-write	None
	Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecG722VoicePriority** parameter if the **EpSpecificCodecG722.EnableConfig** parameter is set to 'Enable'.		
MinPTime		Read-write	None

Name	Access	Notification
Lower boundary for the packetization period of the given codec. G.722 -> (10 ms|20 ms|30 ms) This value is expressed in ms, with increments of 10 ms. This configuration overrides the default configuration set in the **DefaultCodecG722MinPTime** parameter if the **EpSpecificCodecG722.EnableConfig** parameter is set to 'Enable'.		
MaxPTime	Read-write	None
Upper boundary for the packetization period of the given codec. G.722 -> (10 ms|20 ms|30 ms) This value is expressed in ms, with increments of 10 ms. This configuration overrides the default configuration set in the **DefaultCodecG722MaxPTime** parameter if the **EpSpecificCodecG722.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_Mipt.Codec.CodecG723.	Present	N/A
G.723.1 Voice Codec Group.		
DefaultCodecG723VoiceEnable	Read-write	None
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. G.723.1 is specified in ITU Recommendation G.723.1, Dual-rate speech coder for multimedia communications transmitting at 5.3 and 6.3 kbit/s. This Recommendation specifies a coded representation that can be used for compressing the speech signal component of multi-media services at a very low bit rate. Audio is encoded in 30 ms frames. A G.723.1 frame can be one of three sizes: 24 octets (6.3 kb/s frame), 20 octets (5.3 kb/s frame), or 4 octets. These 4-octet frames are called SID frames (Silence Insertion Descriptor) and are used to specify comfort noise parameters. This codec always uses the RTP transport. If a specific value is set for the **EpSpecificCodecG723.VoiceEnable** parameter and the **EpSpecificCodecG723.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG723VoicePriority	Read-write	None
Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecG723.VoicePriority** parameter and the **EpSpecificCodecG723.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		

Name		Access	Notification
DefaultCodecG723Bitrate		Read-write	None
	Indicates the G.723.1 bit rate to use. If a specific value is set for the **EpSpecificCodecG723.Bitrate** parameter and the **EpSpecificCodecG723.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG723MinPTime		Read-write	None
	Lower boundary for the packetization period of the given codec. G.723.1 -> (30 ms|60 ms) For reception, the range is extended from 30 ms to 120 ms with increments of 30 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG723.MinPTime** parameter and the **EpSpecificCodecG723.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG723MaxPTime		Read-write	None
	Upper boundary for the packetization period of the given codec. G.723.1 -> (30 ms|60 ms) For reception, the range is extended from 30 ms to 120 ms with increments of 30 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG723.MaxPTime** parameter and the **EpSpecificCodecG723.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
EpSpecificCodecG723.{i}.		Present	N/A
	Endpoint specific configuration.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None

Name	Access	Notification
Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCodecG723VoiceEnable**, **DefaultCodecG723VoicePriority**, **DefaultCodecG723Bitrate**, **DefaultCodecG723MinPTime**, **DefaultCodecG723MaxPTime** and **DefaultCodecG723VoiceActivityDetection** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCodecG723.VoiceEnable**, **EpSpecificCodecG723.VoicePriority**, **EpSpecificCodecG723.Bitrate**, **EpSpecificCodecG723.MinPTime**, **EpSpecificCodecG723.MaxPTime** and **EpSpecificCodecG723.VoiceActivityDetection** parameters.		
VoiceEnable	Read-write	None
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. G.723.1 is specified in ITU Recommendation G.723.1, Dual-rate speech coder for multimedia communications transmitting at 5.3 and 6.3 kbit/s. This Recommendation specifies a coded representation that can be used for compressing the speech signal component of multi-media services at a very low bit rate. Audio is encoded in 30 ms frames. A G.723.1 frame can be one of three sizes: 24 octets (6.3 kb/s frame), 20 octets (5.3 kb/s frame), or 4 octets. These 4-octet frames are called SID frames (Silence Insertion Descriptor) and are used to specify comfort noise parameters. This codec always uses the RTP transport. This configuration overrides the default configuration set in the **DefaultCodecG723VoiceEnable** parameter if the **EpSpecificCodecG723.EnableConfig** parameter is set to 'Enable'.		
VoicePriority	Read-write	None
Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecG723VoicePriority** parameter if the **EpSpecificCodecG723.EnableConfig** parameter is set to 'Enable'.		
Bitrate	Read-write	None

Name		Access	Notification
	Indicates the G.723.1 bit rate to use. This configuration overrides the default configuration set in the **DefaultCodecG723Bitrate** parameter if the **EpSpecificCodecG723.EnableConfig** parameter is set to 'Enable'.		
MinPTime		Read-write	None
	Lower boundary for the packetization period of the given codec. G.723.1 -> (30 ms|60 ms) For reception, the range is extended from 30 ms to 120 ms with increments of 30 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG723MinPTime** parameter if the **EpSpecificCodecG723.EnableConfig** parameter is set to 'Enable'.		
MaxPTime		Read-write	None
	Upper boundary for the packetization period of the given codec. G.723.1 -> (30 ms|60 ms) For reception, the range is extended from 30 ms to 120 ms with increments of 30 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG723MaxPTime** parameter if the **EpSpecificCodecG723.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_Mipt.Codec.CodecG726.		Present	N/A
	G.726 Voice Codec Group.		
X_0090F8_Mipt.Codec.CodecG726.CodecG726r16kbps.		Present	N/A
	G.726 16 Kbit/s Voice Codec Group.		
DefaultCodecG726r16kbpsVoiceEnable		Read-write	None

Name	Access	Notification
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. • Disable: Disable G.726 at 16 kbps. • Enable: Enable G.726 at 16 kbps. G.726 is specified in ITU-T Recommendation G.726: 40, 32, 24, 16 kbit/s adaptive differential pulse code modulation (ADPCM). It describes the algorithm recommended for conversion of a single 64 kbit/s A-law or U-law PCM channel encoded at 8000 samples/sec to and from a 40, 32, 24, or 16 kbit/s channel. The conversion is applied to the PCM stream using an Adaptive Differential Pulse Code Modulation (ADPCM) transcoding technique. This codec uses generic voice activity detection. See the **DefaultCodecGenericVoiceActivityDetection** and **EpSpecificCodec.GenericVoiceActivityDetection** parameters. This codec always uses the RTP transport. If a specific value is set for the **EpSpecificCodecG726r16kbps.VoiceEnable** parameter and the **EpSpecificCodecG726r16kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r16kbpsVoicePriority	Read-write	None
Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecG726r16kbps.VoicePriority** parameter and the **EpSpecificCodecG726r16kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r16kbpsPayloadType	Read-write	None
Determines the actual RTP dynamic payload type used in an initial offer when enabling G.726 at 16 kbps for voice and data transmission. The payload types available are as per RFC 3551. If a specific value is set for the **EpSpecificCodecG726r16kbps.PayloadType** parameter and the **EpSpecificCodecG726r16kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r16kbpsMinPTime	Read-write	None

Name		Access	Notification
	Lower boundary for the packetization period of the given codec. G.726 at 16 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG726r16kbps.MinPTime** parameter and the **EpSpecificCodecG726r16kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r16kbpsMaxPTime		Read-write	None
	Upper boundary for the packetization period of the given codec. G.726 at 16 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG726r16kbps.MaxPTime** parameter and the **EpSpecificCodecG726r16kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
EpSpecificCodecG726r16kbps.{i}.		Present	N/A
	Endpoint specific configuration.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None

Name	Access	Notification
Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCodecG726r16kbpsVoiceEnable**, **DefaultCodecG726r16kbpsVoicePriority**, **DefaultCodecG726r16kbpsPayloadType**, **DefaultCodecG726r16kbpsMinPTime** and **DefaultCodecG726r16kbpsMaxPTime** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCodecG726r16kbps.VoiceEnable**, **EpSpecificCodecG726r16kbps.VoicePriority**, **EpSpecificCodecG726r16kbps.PayloadType**, **EpSpecificCodecG726r16kbps.MinPTime** and **EpSpecificCodecG726r16kbps.MaxPTime** parameters.		
VoiceEnable	Read-write	None
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. • Disable: Disable G.726 at 16 kbps. • Enable: Enable G.726 at 16 kbps. G.726 is specified in ITU-T Recommendation G.726: 40, 32, 24, 16 kbit/s adaptive differential pulse code modulation (ADPCM). It describes the algorithm recommended for conversion of a single 64 kbit/s A-law or U-law PCM channel encoded at 8000 samples/sec to and from a 40, 32, 24, or 16 kbit/s channel. The conversion is applied to the PCM stream using an Adaptive Differential Pulse Code Modulation (ADPCM) transcoding technique. This codec uses generic voice activity detection. See the **DefaultCodecGenericVoiceActivityDetection** and **EpSpecificCodec.GenericVoiceActivityDetection** parameters. This codec always uses the RTP transport. This configuration overrides the default configuration set in the **DefaultCodecG726r16kbpsVoiceEnable** parameter if the **EpSpecificCodecG726r16kbps.EnableConfig** parameter is set to 'Enable'.		

Name		Access	Notification
VoicePriority		Read-write	None
	Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecG726r16kbpsVoicePriority** parameter if the **EpSpecificCodecG726r16kbps.EnableConfig** parameter is set to 'Enable'.		
PayloadType		Read-write	None
	Determines the actual RTP dynamic payload type used in an initial offer when enabling G.726 at 16 kbps for voice and data transmission. The payload types available are as per RFC 3551. This configuration overrides the default configuration set in the **DefaultCodecG726r16kbpsPayloadType** parameter if the **EpSpecificCodecG726r16kbps.EnableConfig** parameter is set to 'Enable'.		
MinPTime		Read-write	None
	Lower boundary for the packetization period of the given codec. G.726 at 16 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG726r16kbpsMinPTime** parameter if the **EpSpecificCodecG726r16kbps.EnableConfig** parameter is set to 'Enable'.		
MaxPTime		Read-write	None
	Upper boundary for the packetization period of the given codec. G.726 at 16 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG726r16kbpsMaxPTime** parameter if the **EpSpecificCodecG726r16kbps.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_Mipt.Codec.CodecG726.CodecG726r24kbps.		Present	N/A
	G.726 24 Kbit/s Voice Codec Group.		

Name		Access	Notification
DefaultCodecG726r24kbpsVoiceEnable		Read-write	None
	Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. • Disable: Disable G.726 at 24 kbps. • Enable: Enable G.726 at 24 kbps. G.726 is specified in ITU-T Recommendation G.726: 40, 32, 24, 16 kbit/s adaptive differential pulse code modulation (ADPCM). It describes the algorithm recommended for conversion of a single 64 kbit/s A-law or U-law PCM channel encoded at 8000 samples/sec to and from a 40, 32, 24, or 16 kbit/s channel. The conversion is applied to the PCM stream using an Adaptive Differential Pulse Code Modulation (ADPCM) transcoding technique. This codec uses generic voice activity detection. See the **DefaultCodecGenericVoiceActivityDetection** and **EpSpecificCodec.GenericVoiceActivityDetection** parameters. This codec always uses the RTP transport. If a specific value is set for the **EpSpecificCodecG726r24kbps.VoiceEnable** parameter and the **EpSpecificCodecG726r24kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r24kbpsVoicePriority		Read-write	None
	Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecG726r24kbps.VoicePriority** parameter and the **EpSpecificCodecG726r24kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r24kbpsPayloadType		Read-write	None
	When enabling G.726 at 24 kbps for voice and data transmission, this parameter determines the actual RTP dynamic payload type used in an initial offer. The payload types available are as per RFC 3551. If a specific value is set for the **EpSpecificCodecG726r24kbps.PayloadType** parameter and the **EpSpecificCodecG726r24kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r24kbpsMinPTime		Read-write	None

Name	Access	Notification
Lower boundary for the packetization period of the given codec. G.726 at 24 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG726r24kbps.MinPTime** parameter and the **EpSpecificCodecG726r24kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r24kbpsMaxPTime	Read-write	None
Upper boundary for the packetization period of the given codec. G.726 at 24 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG726r24kbps.MaxPTime** parameter and the **EpSpecificCodecG726r24kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
EpSpecificCodecG726r24kbps.{i}.	Present	N/A
Endpoint specific configuration.		
EpId	Read-only	None
String that identifies an endpoint in other tables.		
EnableConfig	Read-write	None

Name	Access	Notification
Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCodecG726r24kbpsVoiceEnable**, **DefaultCodecG726r24kbpsVoicePriority**, **DefaultCodecG726r24kbpsPayloadType**, **DefaultCodecG726r24kbpsMinPTime** and **DefaultCodecG726r24kbpsMaxPTime** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCodecG726r24kbps.VoiceEnable**, **EpSpecificCodecG726r24kbps.VoicePriority**, **EpSpecificCodecG726r24kbps.PayloadType**, **EpSpecificCodecG726r24kbps.MinPTime** and **EpSpecificCodecG726r24kbps.MaxPTime** parameter.		
VoiceEnable	Read-write	None
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. • Disable: Disable G.726 at 24 kbps. • Enable: Enable G.726 at 24 kbps. G.726 is specified in ITU-T Recommendation G.726: 40, 32, 24, 16 kbit/s adaptive differential pulse code modulation (ADPCM). It describes the algorithm recommended for conversion of a single 64 kbit/s A-law or U-law PCM channel encoded at 8000 samples/sec to and from a 40, 32, 24, or 16 kbit/s channel. The conversion is applied to the PCM stream using an Adaptive Differential Pulse Code Modulation (ADPCM) transcoding technique. This codec uses generic voice activity detection. See the **DefaultCodecGenericVoiceActivityDetection** and **EpSpecificCodec.GenericVoiceActivityDetection** parameters. This codec always uses the RTP transport. This configuration overrides the default configuration set in the **DefaultCodecG726r24kbpsVoiceEnable** parameter if the **EpSpecificCodecG726r24kbps.EnableConfig** parameter is set to 'Enable'.		

Name		Access	Notification
VoicePriority		Read-write	None
	Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecG726r24kbpsVoicePriority** parameter if the **EpSpecificCodecG726r24kbps.EnableConfig** parameter is set to 'Enable'.		
PayloadType		Read-write	None
	Determines the actual RTP dynamic payload type used in an initial offer when enabling G.726 at 24 kbps for voice and data transmission. The payload types available are as per RFC 3551. This configuration overrides the default configuration set in the **DefaultCodecG726r24kbpsPayloadType** parameter if the **EpSpecificCodecG726r24kbps.EnableConfig** parameter is set to 'Enable'.		
MinPTime		Read-write	None
	Lower boundary for the packetization period of the given codec. G.726 at 24 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG726r24kbpsMinPTime** parameter if the **EpSpecificCodecG726r24kbps.EnableConfig** parameter is set to 'Enable'.		
MaxPTime		Read-write	None
	Upper boundary for the packetization period of the given codec. G.726 at 24 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG726r24kbpsMaxPTime** parameter if the **EpSpecificCodecG726r24kbps.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_Mipt.Codec.CodecG726.CodecG726r32kbps.		Present	N/A
	G.726 32 Kbit/s Voice Codec Group.		

Name		Access	Notification
DefaultCodecG726r32kbpsVoiceEnable		Read-write	None
	Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. • Disable: Disable G.726 at 32 kbps. • Enable: Enable G.726 at 32 kbps. G.726 is specified in ITU-T Recommendation G.726: 40, 32, 24, 16 kbit/s adaptive differential pulse code modulation (ADPCM). It describes the algorithm recommended for conversion of a single 64 kbit/s A-law or U-law PCM channel encoded at 8000 samples/sec to and from a 40, 32, 24, or 16 kbit/s channel. The conversion is applied to the PCM stream using an Adaptive Differential Pulse Code Modulation (ADPCM) transcoding technique. This codec uses generic voice activity detection. See the **DefaultCodecGenericVoiceActivityDetection** and **EpSpecificCodec.GenericVoiceActivityDetection** parameters. This codec always uses the RTP transport.		
DefaultCodecG726r32kbpsVoicePriority		Read-write	None
	Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecG726r32kbps.VoiceEnable** parameter and the **EpSpecificCodecG726r32kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r32kbpsDataEnable		Read-write	None

Name		Access	Notification
	Indicates if the codec can be selected for data transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. • Disable: Disable G.726 at 32 kbps. • Enable: Enable G.726 at 32 kbps. If a specific value is set for the **EpSpecificCodecG726r32kbps.DataEnable** parameter and the **EpSpecificCodecG726r32kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r32kbpsDataPriority		Read-write	None
	Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecG726r32kbps.DataPriority** parameter and the **EpSpecificCodecG726r32kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r32kbpsPayloadType		Read-write	None
	Determines the actual RTP dynamic payload type used in an initial offer when enabling G.726 at 32 kbps for voice and data transmission. The payload types available are as per RFC 3551. If a specific value is set for the **EpSpecificCodecG726r32kbps.PayloadType** parameter and the **EpSpecificCodecG726r32kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r32kbpsMinPTime		Read-write	None
	Lower boundary for the packetization period of the given codec. G.726 at 32 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG726r32kbps.MinPTime** parameter and the **EpSpecificCodecG726r32kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r32kbpsMaxPTime		Read-write	None

Name		Access	Notification
	Upper boundary for the packetization period of the given codec. G.726 at 32 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG726r32kbps.MaxPTime** parameter and the **EpSpecificCodecG726r32kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
EpSpecificCodecG726r32kbps.{i}.		Present	N/A
	Endpoint specific configuration.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None
	Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCodecG726r32kbpsVoiceEnable**, **DefaultCodecG726r32kbpsVoicePriority**, **DefaultCodecG726r32kbpsDataEnable**, **DefaultCodecG726r32kbpsDataPriority**, **DefaultCodecG726r32kbpsPayloadType**, **DefaultCodecG726r32kbpsMinPTime** and **DefaultCodecG726r32kbpsMaxPTime** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCodecG726r32kbps.VoiceEnable**, **EpSpecificCodecG726r32kbps.VoicePriority**, **EpSpecificCodecG726r32kbps.DataEnable**, **EpSpecificCodecG726r32kbps.DataPriority**, **EpSpecificCodecG726r32kbps.PayloadType**, **EpSpecificCodecG726r32kbps.MinPTime** and **EpSpecificCodecG726r32kbps.MaxPTime** parameters.		
VoiceEnable		Read-write	None

Name	Access	Notification
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. • Disable: Disable G.726 at 32 kbps. • Enable: Enable G.726 at 32 kbps. G.726 is specified in ITU-T Recommendation G.726: 40, 32, 24, 16 kbit/s adaptive differential pulse code modulation (ADPCM). It describes the algorithm recommended for conversion of a single 64 kbit/s A-law or U-law PCM channel encoded at 8000 samples/sec to and from a 40, 32, 24, or 16 kbit/s channel. The conversion is applied to the PCM stream using an Adaptive Differential Pulse Code Modulation (ADPCM) transcoding technique. This codec uses generic voice activity detection. See the **DefaultCodecGenericVoiceActivityDetection** and **EpSpecificCodec.GenericVoiceActivityDetection** parameters. This codec always uses the RTP transport. This configuration overrides the default configuration set in the **DefaultCodecG726r32kbpsVoiceEnable** parameter if the **EpSpecificCodecG726r32kbps.EnableConfig** parameter is set to 'Enable'.		
VoicePriority	Read-write	None
Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecG726r32kbpsVoicePriority** parameter if the **EpSpecificCodecG726r32kbps.EnableConfig** parameter is set to 'Enable'.		
DataEnable	Read-write	None

Name		Access	Notification
	Indicates if the codec can be selected for data transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. • Disable: Disable G.726 at 32 kbps. • Enable: Enable G.726 at 32 kbps. This configuration overrides the default configuration set in the **DefaultCodecG726r32kbpsDataEnable** parameter if the **EpSpecificCodecG726r32kbps.EnableConfig** parameter is set to 'Enable'.		
DataPriority		Read-write	None
	Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecG726r32kbpsDataPriority** parameter if the **EpSpecificCodecG726r32kbps.EnableConfig** parameter is set to 'Enable'.		
PayloadType		Read-write	None
	Determines the actual RTP dynamic payload type used in an initial offer when enabling G.726 at 32 kbps for voice and data transmission. The payload types available are as per RFC 3551. This configuration overrides the default configuration set in the **DefaultCodecG726r32kbpsPayloadType** parameter if the **EpSpecificCodecG726r32kbps.EnableConfig** parameter is set to 'Enable'.		
MinPTime		Read-write	None
	Lower boundary for the packetization period of the given codec. G.726 at 32 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG726r32kbpsMinPTime** parameter if the **EpSpecificCodecG726r32kbps.EnableConfig** parameter is set to 'Enable'.		
MaxPTime		Read-write	None

Name	Access	Notification
Upper boundary for the packetization period of the given codec. G.726 at 32 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG726r32kbpsMaxPTime** parameter if the **EpSpecificCodecG726r32kbps.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_Mipt.Codec.CodecG726.CodecG726r40kbps.	Present	N/A
G.726 40 Kbit/s Voice Codec Group.		
DefaultCodecG726r40kbpsVoiceEnable	Read-write	None
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. • Disable: Disable G.726 at 40 kbps. • Enable: Enable G.726 at 40 kbps. G.726 is specified in ITU-T Recommendation G.726: 40, 32, 24, 16 kbit/s adaptive differential pulse code modulation (ADPCM). It describes the algorithm recommended for conversion of a single 64 kbit/s A-law or U-law PCM channel encoded at 8000 samples/sec to and from a 40, 32, 24, or 16 kbit/s channel. The conversion is applied to the PCM stream using an Adaptive Differential Pulse Code Modulation (ADPCM) transcoding technique. This codec uses generic voice activity detection. See the **DefaultCodecGenericVoiceActivityDetection** and **EpSpecificCodec.GenericVoiceActivityDetection** parameters. This codec always uses the RTP transport. If a specific value is set for the **EpSpecificCodecG726r40kbps.VoiceEnable** parameter and the **EpSpecificCodecG726r40kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r40kbpsVoicePriority	Read-write	None

Name	Access	Notification
Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecG726r40kbps.VoicePriority** parameter and the **EpSpecificCodecG726r40kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r40kbpsDataEnable	Read-write	None
Indicates if the codec can be selected for data transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. • Disable: Disable G.726 at 40 kbps. • Enable: Enable G.726 at 40 kbps. If a specific value is set for the **EpSpecificCodecG726r40kbps.DataEnable** parameter and the **EpSpecificCodecG726r40kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r40kbpsDataPriority	Read-write	None
Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecG726r40kbps.DataPriority** parameter and the **EpSpecificCodecG726r40kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r40kbpsPayloadType	Read-write	None
Setermines the actual RTP dynamic payload type used in an initial offer when enabling G.726 at 40 kbps for voice and data transmission. The payload types available are as per RFC 3551. If a specific value is set for the **EpSpecificCodecG726r40kbps.PayloadType** parameter and the **EpSpecificCodecG726r40kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r40kbpsMinPTime	Read-write	None

Name		Access	Notification
	Lower boundary for the packetization period of the given codec. G.726 at 40 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG726r40kbps.MinPTime** parameter and the **EpSpecificCodecG726r40kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG726r40kbpsMaxPTime		Read-write	None
	Upper boundary for the packetization period of the given codec. G.726 at 40 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG726r40kbps.MaxPTime** parameter and the **EpSpecificCodecG726r40kbps.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
EpSpecificCodecG726r40kbps.{i}.		Present	N/A
	Endpoint specific configuration.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None

Name		Access	Notification
	Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCodecG726r40kbpsVoiceEnable**, **DefaultCodecG726r40kbpsVoicePriority**, **DefaultCodecG726r40kbpsDataEnable**, **DefaultCodecG726r40kbpsDataPriority**, **DefaultCodecG726r40kbpsPayloadType**, **DefaultCodecG726r40kbpsMinPTime** and **DefaultCodecG726r40kbpsMaxPTime** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCodecG726r40kbps.VoiceEnable**, **EpSpecificCodecG726r40kbps.VoicePriority**, **EpSpecificCodecG726r40kbps.DataEnable**, **EpSpecificCodecG726r40kbps.DataPriority**, **EpSpecificCodecG726r40kbps.PayloadType**, **EpSpecificCodecG726r40kbps.MinPTime** and **EpSpecificCodecG726r40kbps.MaxPTime** parameter.		
VoiceEnable		Read-write	None

Name		Access	Notification
	Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. • Disable: Disable G.726 at 40 kbps. • Enable: Enable G.726 at 40 kbps. G.726 is specified in ITU-T Recommendation G.726: 40, 32, 24, 16 kbit/s adaptive differential pulse code modulation (ADPCM). It describes the algorithm recommended for conversion of a single 64 kbit/s A-law or U-law PCM channel encoded at 8000 samples/sec to and from a 40, 32, 24, or 16 kbit/s channel. The conversion is applied to the PCM stream using an Adaptive Differential Pulse Code Modulation (ADPCM) transcoding technique. This codec uses generic voice activity detection. See the **DefaultCodecGenericVoiceActivityDetection** and **EpSpecificCodec.GenericVoiceActivityDetection** parameters. This codec always uses the RTP transport. This configuration overrides the default configuration set in the **DefaultCodecG726r40kbpsVoiceEnable** parameter if the **EpSpecificCodecG726r40kbps.EnableConfig** parameter is set to 'Enable'.		
VoicePriority		Read-write	None
	Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecG726r40kbpsVoicePriority** parameter if the **EpSpecificCodecG726r40kbps.EnableConfig** parameter is set to 'Enable'.		
DataEnable		Read-write	None

Name		Access	Notification
	Indicates if the codec can be selected for data transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. • Disable: Disable G.726 at 40 kbps. • Enable: Enable G.726 at 40 kbps. This configuration overrides the default configuration set in the **DefaultCodecG726r40kbpsDataEnable** parameter if the **EpSpecificCodecG726r40kbps.EnableConfig** parameter is set to 'Enable'.		
DataPriority		Read-write	None
	Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecG726r40kbpsDataPriority** parameter if the **EpSpecificCodecG726r40kbps.EnableConfig** parameter is set to 'Enable'.		
PayloadType		Read-write	None
	Determines the actual RTP dynamic payload type used in an initial offer when enabling G.726 at 40 kbps for voice and data transmission. The payload types available are as per RFC 3551. This configuration overrides the default configuration set in the **DefaultCodecG726r40kbpsPayloadType** parameter if the **EpSpecificCodecG726r40kbps.EnableConfig** parameter is set to 'Enable'.		
MinPTime		Read-write	None
	Lower boundary for the packetization period of the given codec. G.726 at 40 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG726r40kbpsMinPTime** parameter if the **EpSpecificCodecG726r40kbps.EnableConfig** parameter is set to 'Enable'.		
MaxPTime		Read-write	None

Name	Access	Notification
Upper boundary for the packetization period of the given codec. G.726 at 40 kbps -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG726r40kbpsMaxPTime** parameter if the **EpSpecificCodecG726r40kbps.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_Mipt.Codec.CodecG729.	Present	N/A
G.729 Voice Codec Group.		
DefaultCodecG729VoiceEnable	Read-write	None
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. G729 is specified in ITU-T Recommendation G.729, Coding of speech at 8 kbit/s using conjugate structure-algebraic code excited linear prediction (CS-ACELP). For all data rates, the sampling frequency (and RTP timestamp clock rate) is 8000 Hz. A voice activity detector (VAD) and comfort noise generator (CNG) algorithm in Annex B of G.729 is RECOMMENDED for digital simultaneous voice and data applications and can be used in conjunction with G.729 or G.729 Annex A. A G.729 or G.729 Annex A frame contains 10 octets, while the G.729 Annex B comfort noise frame occupies 2 octets. This codec always uses the RTP transport. If a specific value is set for the **EpSpecificCodecG729.VoiceEnable** parameter and the **EpSpecificCodecG729.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG729VoicePriority	Read-write	None
Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecG729.VoicePriority** parameter and the **EpSpecificCodecG729.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG729MinPTime	Read-write	None

Name	Access	Notification
Lower boundary for the packetization period of the given codec. G.729 -> (20 ms|30 ms|40 ms|50 ms|60 ms|70 ms|80 ms) For reception, the range is extended from 10 ms to 100 ms with increments of 10 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG729.MinPTime** parameter and the **EpSpecificCodecG729.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG729MaxPTime	Read-write	None
Upper boundary for the packetization period of the given codec. G.729 -> (20 ms|30 ms|40 ms|50 ms|60 ms|70 ms|80 ms) For reception, the range is extended from 10 ms to 100 ms with increments of 10 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecG729.MaxPTime** parameter and the **EpSpecificCodecG729.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecG729VoiceActivityDetection	Read-write	None
If Voice Activity Detection (VAD) is enabled, then speech frames are only sent during talkspurts (periods of audio activity). During silence periods, no speech frames are sent, but Comfort Noise (CN) packets containing information about background noise may be sent in accordance with annex B of G.729. • Disable: G.729 uses annex A only. • Enable: G.729 annex A is used with annex B. If a specific value is set for the **EpSpecificCodecG729.VoiceActivityDetection** parameter and the **EpSpecificCodecG729.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
EpSpecificCodecG729.{i}.	Present	N/A
Endpoint specific configuration.		
EpId	Read-only	None
String that identifies an endpoint in other tables.		
EnableConfig	Read-write	None

Name	Access	Notification
Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCodecG729VoiceEnable**, **DefaultCodecG729VoicePriority**, **DefaultCodecG729MinPTime**, **DefaultCodecG729MaxPTime** and **DefaultCodecG729VoiceActivityDetection** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCodecG729.EnableVoice EpSpecificCodecG729.VoicePriority**, **EpSpecificCodecG729.MinPTime**, **EpSpecificCodecG729.MaxPTime** and **EpSpecificCodecG729.VoiceActivityDetection** parameters.		
VoiceEnable	Read-write	None
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. G729 is specified in ITU-T Recommendation G.729, Coding of speech at 8 kbit/s using conjugate structure-algebraic code excited linear prediction (CS-ACELP). For all data rates, the sampling frequency (and RTP timestamp clock rate) is 8000 Hz. A voice activity detector (VAD) and comfort noise generator (CNG) algorithm in Annex B of G.729 is RECOMMENDED for digital simultaneous voice and data applications and can be used in conjunction with G.729 or G.729 Annex A. A G.729 or G.729 Annex A frame contains 10 octets, while the G.729 Annex B comfort noise frame occupies 2 octets. This codec always uses the RTP transport. This configuration overrides the default configuration set in the **DefaultCodecG729VoiceEnable** parameter if the **EpSpecificCodecG729.EnableConfig** parameter is set to 'Enable'.		
VoicePriority	Read-write	None
Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecG729VoicePriority** parameter if the **EpSpecificCodecG729.EnableConfig** parameter is set to 'Enable'.		
MinPTime	Read-write	None

Name	Access	Notification
Lower boundary for the packetization period of the given codec. G.729 -> (20 ms|30 ms|40 ms|50 ms|60 ms|70 ms|80 ms) For reception, the range is extended from 10 ms to 100 ms with increments of 10 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG729MinPTime** parameter if the **EpSpecificCodecG729.EnableConfig** parameter is set to 'Enable'.		
MaxPTime	Read-write	None
Upper boundary for the packetization period of the given codec. G.729 -> (20 ms|30 ms|40 ms|50 ms|60 ms|70 ms|80 ms) For reception, the range is extended from 10 ms to 100 ms with increments of 10 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecG729MaxPTime** parameter if the **EpSpecificCodecG729.EnableConfig** parameter is set to 'Enable'.		
VoiceActivityDetection	Read-write	None
If Voice Activity Detection (VAD) is enabled, then speech frames are only sent during talkspurts (periods of audio activity). During silence periods, no speech frames are sent, but Comfort Noise (CN) packets containing information about background noise may be sent in accordance with annex B of G.729. • Disable: G.729 uses annex A only. • Enable: G.729 annex A is used with annex B. This configuration overrides the default configuration set in the **DefaultCodecG729VoiceActivityDetection** parameter if the **EpSpecificCodecG729.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_Mipt.Codec.CodecT38.	Present	N/A
T.38 Codec Related Configuration Group.		
DefaultCodecT38DataEnable	Read-write	None

Name	Access	Notification
If enabled, the T.38 protocol is used for fax transmission. If a specific value is set for the **EpSpecificCodecT38.DataEnable** parameter and the **EpSpecificCodecT38.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecT38DataPriority	Read-write	None
Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecT38.DataPriority** parameter and the **EpSpecificCodecT38.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecT38RedundancyLevel	Read-write	None
Number of redundancy packets. This is the standard redundancy offered by T.38. Refer to the **DefaultCodecT38FinalFramesRedundancy** parameter for additional T.38 reliability options. If a specific value is set for the **EpSpecificCodecT38.RedundancyLevel** parameter and the **EpSpecificCodecT38.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecT38FinalFramesRedundancy	Read-write	None
Defines the number of times T.38 packets will be retransmitted. This only applies to the T.38 packets where the PrimaryUDPTL contains the following T.38 data type: HDLC_SIG_END, HDLC_FCS_OK_SIG_END, HDLC_FCS_BAD_SIG_END and T4_NON_ECM_SIG_END. Refer to the **DefaultCodecT38ProtectionLevel** parameter for standard T.38 reliability options.		
DefaultCodecT38NoSignalEnable	Read-write	None
Enables/disables the sending of T.38 no-signal packets. When enabled, the unit ensures that, during a T.38 fax transmission, data is sent out at least every time the **DefaultCodecT38NoSignalTimeout** delay expires. In the absence of meaningful data to send, no-signal packets are output.		
DefaultCodecT38NoSignalTimeout	Read-write	None
The period, in seconds, at which no-signal packets are sent during a T.38 transmission, in the absence of valid data.		
DefaultCodecT38DetectionThreshold	Read-write	None

Name	Access	Notification
Sets the T.38 input signal detection threshold. Lowering the threshold allows detecting lower amplitude fax signals. • Default: (-26dB) • Low: (-31dB) • Lowest: (-43dB) If a specific value is set for the **EpSpecificCodecT38.DetectionThreshold** parameter and the **EpSpecificCodecT38.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
EpSpecificCodecT38.{i}.	Present	N/A
Endpoint specific configuration.		
EpId	Read-only	None
String that identifies an endpoint in other tables.		
EnableConfig	Read-write	None
Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCodecT38DataEnable**, **DefaultCodecT38DataPriority** and **DefaultCodecT38RedundancyLevel** parameters. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCodecT38.DataEnable**, **EpSpecificCodecT38.DataPriority** and **EpSpecificCodecT38.RedundancyLevel** parameters.		
DataEnable	Read-write	None
If enabled, the T.38 protocol is used for fax transmission. This configuration overrides the default configuration set in the **DefaultCodecT38DataEnable** parameter if the **EpSpecificCodecT38.EnableConfig** parameter is set to 'Enable'.		
DataPriority	Read-write	None

Name	Access	Notification
Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecT38DataPriority** parameter if the **EpSpecificCodecT38.EnableConfig** parameter is set to 'Enable'.		
RedundancyLevel	Read-write	None
Number of redundancy packets. This is the standard redundancy offered by T.38. Refer to the **DefaultCodecT38FinalFramesRedundancy** parameter for additional T.38 reliability options. This configuration overrides the default configuration set in the **DefaultCodecT38RedundancyLevel** parameter if the **EpSpecificCodecT38.EnableConfig** parameter is set to 'Enable'.		
DetectionThreshold	Read-write	None
Sets the T.38 input signal detection threshold. Lowering the threshold allows detecting lower amplitude fax signals. • Default: (-26dB) • Low: (-31dB) • Lowest: (-43dB) This configuration overrides the default configuration set in the **DefaultCodecT38DetectionThreshold** parameter if the **EpSpecificCodecT38.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_Mipt.Codec.CodecClearMode.	Present	N/A
Clear Channel Codec Related Configuration Group.		
DefaultCodecClearModeVoiceEnable	Read-write	None

Name		Access	Notification
	Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. Clear Mode is a method to carry 64 kbit/s channel data transparently in RTP packets as defined in RFC 4040. This codec always uses the RTP transport. If a specific value is set for the **EpSpecificCodecClearMode.VoiceEnable** parameter and the **EpSpecificCodecClearMode.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecClearModeVoicePriority		Read-write	None
	Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecClearMode.VoicePriority** parameter and the **EpSpecificCodecClearMode.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecClearModeDataEnable		Read-write	None
	If enabled, the Clear Mode protocol is used for data transmission. The data transmission for this codec can be triggered by the detection of a fax/modem tone or if the properties of the call indicate that it was for data. Clear Mode is a method to carry 64 kbit/s channel data transparently in RTP packets as defined in RFC 4040. This codec always uses the RTP transport. If a specific value is set for the **EpSpecificCodecClearMode.DataEnable** parameter and the **EpSpecificCodecClearMode.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecClearModeDataPriority		Read-write	None
	Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecClearMode.DataPriority** parameter and the **EpSpecificCodecClearMode.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecClearModePayloadType		Read-write	None

Name		Access	Notification
	When enabling Clear Mode for voice and data transmission, this parameter determines the actual RTP dynamic payload type used in an initial offer. The payload types available are as per RFC 3551. If a specific value is set for the **EpSpecificCodecClearMode.PayloadType** parameter and the **EpSpecificCodecClearMode.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecClearModeMinPTime		Read-write	None
	Lower boundary for the packetization period of the given codec. Clear Mode -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecClearMode.MinPTime** parameter and the **EpSpecificCodecClearMode.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecClearModeMaxPTime		Read-write	None
	Upper boundary for the packetization period of the given codec. Clear Mode -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecClearMode.MaxPTime** parameter and the **EpSpecificCodecClearMode.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
EpSpecificCodecClearMode.{i}.		Present	N/A
	Endpoint specific configuration.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None

Name	Access	Notification
Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCodecClearModeVoiceEnable**, **DefaultCodecClearModeVoicePriority**, **DefaultCodecClearModeDataEnable**, **DefaultCodecClearModeDataPriority**, **DefaultCodecClearModePayloadType**, **DefaultCodecClearModeMinPTime** and **DefaultCodecClearModeMaxPTime**. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCodecClearMode.VoiceEnable**, **EpSpecificCodecClearMode.VoicePriority**, **EpSpecificCodecClearMode.DataPriority**, **EpSpecificCodecClearMode.DataPriority**, **EpSpecificCodecClearMode.PayloadType**, **EpSpecificCodecClearMode.MinPTime** and **EpSpecificCodecClearMode.MaxPTime**.		
VoiceEnable	Read-write	None
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. Clear Mode is a method to carry 64 kbit/s channel data transparently in RTP packets as defined in RFC 4040. This codec always uses the RTP transport. This configuration overrides the default configuration set in the **DefaultCodecClearModeVoiceEnable** parameter if the **EpSpecificCodecClearMode.EnableConfig** parameter is set to 'Enable'.		
VoicePriority	Read-write	None
Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecClearModeVoicePriority** parameter if the **EpSpecificCodecClearMode.EnableConfig** parameter is set to 'Enable'.		
DataEnable	Read-write	None

Name		Access	Notification
	If enabled, the Clear Mode protocol is used for fax transmission. This configuration overrides the default configuration set in the **DefaultCodecClearModeDataEnable** parameter if the **EpSpecificCodecClearMode.EnableConfig** parameter is set to 'Enable'.		
DataPriority		Read-write	None
	Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecClearModeDataPriority** parameter if the **EpSpecificCodecClearMode.EnableConfig** parameter is set to 'Enable'.		
PayloadType		Read-write	None
	When enabling Clear Mode for voice and data transmission, this parameter determines the actual RTP dynamic payload type used in an initial offer. The payload types available are as per RFC 3551. This configuration overrides the default configuration set in the **DefaultCodecClearModePayloadType** parameter if the **EpSpecificCodecClearMode.EnableConfig** parameter is set to 'Enable'.		
MinPTime		Read-write	None
	Lower boundary for the packetization period of the given codec. Clear Mode -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecClearModeMinPTime** parameter if the **EpSpecificCodecClearMode.EnableConfig** parameter is set to 'Enable'.		
MaxPTime		Read-write	None

Name	Access	Notification
Upper boundary for the packetization period of the given codec. Clear Mode -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecClearModeMaxPTime** parameter if the **EpSpecificCodecClearMode.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_Mipt.Codec.CodecClearChannel.	Present	N/A
Clear Channel Codec Related Configuration Group.		
DefaultCodecClearChannelVoiceEnable	Read-write	None
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. Clear Channel is a method to carry 64 kbit/s channel data transparently in RTP packets. This codec behaves like the Clear Mode as defined in RFC 4040, but it uses 'X-CLEAR-CHANNEL' instead of 'CLEARMODE' in the codec negotiation. This codec always uses the RTP transport. If a specific value is set for the **EpSpecificCodecClearChannel.VoiceEnable** parameter and the **EpSpecificCodecClearChannel.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecClearChannelVoicePriority	Read-write	None
Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecClearChannel.VoicePriority** parameter and the **EpSpecificCodecClearChannel.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecClearChannelDataEnable	Read-write	None

Name	Access	Notification
If enabled, the Clear Channel protocol is used for data transmission. Clear Channel is a method to carry 64 kbit/s channel data transparently in RTP packets. This codec behaves like the Clear Mode as defined in RFC 4040, but it uses 'X-CLEAR-CHANNEL' instead of 'CLEARMODE' in the codec negotiation. Clear Channel is a method to carry 64 kbit/s channel data transparently in RTP packets as defined in RFC 4040. This codec always uses the RTP transport. If a specific value is set for the **EpSpecificCodecClearChannel.DataEnable** parameter and the **EpSpecificCodecClearChannel.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecClearChannelDataPriority	Read-write	None
Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecClearChannel.DataPriority** parameter and the **EpSpecificCodecClearChannel.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecClearChannelPayloadType	Read-write	None
When enabling Clear Channel for voice and data transmission, this parameter determines the actual RTP dynamic payload type used in an initial offer. The payload types available are as per RFC 3551. If a specific value is set for the **EpSpecificCodecClearChannel.PayloadType** parameter and the **EpSpecificCodecClearChannel.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecClearChannelMinPTime	Read-write	None
Lower boundary for the packetization period of the given codec. Clear Channel -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecClearChannel.MinPTime** parameter and the **EpSpecificCodecClearChannel.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecClearChannelMaxPTime	Read-write	None

Name		Access	Notification
	Upper boundary for the packetization period of the given codec. Clear Channel -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). If a specific value is set for the **EpSpecificCodecClearChannel.MaxPTime** parameter and the **EpSpecificCodecClearChannel.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
EpSpecificCodecClearChannel.{i}.		Present	N/A
	Endpoint specific configuration.		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
EnableConfig		Read-write	None
	Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCodecClearChannelVoiceEnable**, **DefaultCodecClearChannelVoicePriority**, **DefaultCodecClearChannelDataEnable**, **DefaultCodecClearChannelDataPriority**, **DefaultCodecClearChannelPayloadType**, **DefaultCodecClearChannelMinPTime** and **DefaultCodecClearChannelMaxPTime**. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCodecClearChannel.VoiceEnable**, **EpSpecificCodecClearChannel.VoicePriority**, **EpSpecificCodecClearChannel.DataPriority**, **EpSpecificCodecClearChannel.DataPriority**, **EpSpecificCodecClearChannel.PayloadType**, **EpSpecificCodecClearChannel.MinPTime** and **EpSpecificCodecClearChannel.MaxPTime**.		
VoiceEnable		Read-write	None

Name		Access	Notification
	Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. X Clear Cahnnel is a method to carry 64 kbit/s channel data transparently in RTP packets. This codec behaves like the Clear Mode as defined in RFC 4040, but it uses 'X-CLEAR-CHANNEL' instead of 'CLEARMODE' the in codec negotiation. This codec always uses the RTP transport. This configuration overrides the default configuration set in the **DefaultCodecClearChannelVoiceEnable** parameter if the **EpSpecificCodecClearChannel.EnableConfig** parameter is set to 'Enable'.		
VoicePriority		Read-write	None
	Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecClearChannelVoicePriority** parameter if the **EpSpecificCodecClearChannel.EnableConfig** parameter is set to 'Enable'.		
DataEnable		Read-write	None
	If enabled, the Clear Channel protocol is used for fax transmission. Clear Channel is a method to carry 64 kbit/s channel data transparently in RTP packets. This codec behaves like the Clear Mode as defined in RFC 4040, but it uses 'X-CLEAR-CHANNEL' instead of 'CLEARMODE' the in codec negotiation. This configuration overrides the default configuration set in the **DefaultCodecClearChannelDataEnable** parameter if the **EpSpecificCodecClearChannel.EnableConfig** parameter is set to 'Enable'.		
DataPriority		Read-write	None
	Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecClearChannelDataPriority** parameter if the **EpSpecificCodecClearChannel.EnableConfig** parameter is set to 'Enable'.		
PayloadType		Read-write	None

Name	Access	Notification
When enabling Clear Channel for voice and data transmission, this parameter determines the actual RTP dynamic payload type used in an initial offer. The payload types available are as per RFC 3551. This configuration overrides the default configuration set in the **DefaultCodecClearChannelPayloadType** parameter if the **EpSpecificCodecClearChannel.EnableConfig** parameter is set to 'Enable'.		
MinPTime	Read-write	None
Lower boundary for the packetization period of the given codec. Clear Channel -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecClearChannelMinPTime** parameter if the **EpSpecificCodecClearChannel.EnableConfig** parameter is set to 'Enable'.		
MaxPTime	Read-write	None
Upper boundary for the packetization period of the given codec. Clear Channel -> (10 ms..30 ms) This value is expressed in ms, with increments of 10 ms. For reception, the range is extended from 10 ms to 100 ms with increments of 1 ms only if the stream is not encrypted (SRTP). This configuration overrides the default configuration set in the **DefaultCodecClearChannelMaxPTime** parameter if the **EpSpecificCodecClearChannel.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_Mipt.Codec.CodecXCCD.	Present	N/A
X-CCD Clear Channel Codec Related Configuration Group.		
DefaultCodecXCCDVoiceEnable	Read-write	None
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. X-CCD clear channel is a method to carry 64 kbit/s channel data transparently in RTP packets as defined in RFC 4040. This codec always uses the RTP transport. If a specific value is set for the **EpSpecificCodecXCCD.VoiceEnable** parameter and the **EpSpecificCodecXCCD.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecXCCDVoicePriority	Read-write	None

Name		Access	Notification
	Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecXCCD.VoicePriority** parameter and the **EpSpecificCodecXCCD.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecXCCDDataEnable		Read-write	None
	If enabled, the X-CCD Clear Channel protocol is used for data transmission. The data transmission for this codec can be triggered by the detection of a fax/modem tone or if the properties of the call indicate that it was for data. X-CCD Clear Channel is a method to carry 64 kbit/s channel data transparently in RTP packets as defined in RFC 4040. This codec always uses the RTP transport. If a specific value is set for the **EpSpecificCodecXCCD.DataEnable** parameter and the **EpSpecificCodecXCCD.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecXCCDDataPriority		Read-write	None
	Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. If a specific value is set for the **EpSpecificCodecXCCD.DataPriority** parameter and the **EpSpecificCodecXCCD.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecXCCDPayloadType		Read-write	None
	When enabling X-CCD Clear Channel for voice and data transmission, this parameter determines the actual RTP dynamic payload type used in an initial offer. The payload types available are as per RFC 3551. If a specific value is set for the **EpSpecificCodecXCCD.PayloadType** parameter and the **EpSpecificCodecXCCD.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecXCCDMinPTime		Read-write	None

Name	Access	Notification
Lower boundary for the packetization period of the given codec. X-CCD Clear Channel -> (10 ms..30 ms) This value is expressed in ms, with increments of 1 ms. If a specific value is set for the **EpSpecificCodecXCCD.MinPTime** parameter and the **EpSpecificCodecXCCD.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
DefaultCodecXCCDMaxPTime	Read-write	None
Upper boundary for the packetization period of the given codec. X-CCD Clear Channel -> (10 ms..30 ms) This value is expressed in ms, with increments of 1 ms. If a specific value is set for the **EpSpecificCodecXCCD.MaxPTime** parameter and the **EpSpecificCodecXCCD.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		
EpSpecificCodecXCCD.{i}.	Present	N/A
Endpoint specific configuration.		
EpId	Read-only	None
String that identifies an endpoint in other tables.		
EnableConfig	Read-write	None
Defines the configuration to use for a specific endpoint. • Disable: The endpoint uses the default configuration as defined in the **DefaultCodecXCCDVoiceEnable**, **DefaultCodecXCCDVoicePriority**, **DefaultCodecXCCDDataEnable**, **DefaultCodecXCCDDataPriority**, **DefaultCodecXCCDPayloadType**, **DefaultCodecXCCDMinPTime** and **DefaultCodecXCCDMaxPTime**. • Enable: The endpoint uses the specific configuration as defined in the **EpSpecificCodecXCCD.VoiceEnable**, **EpSpecificCodecXCCD.VoicePriority**, **EpSpecificCodecXCCD.DataPriority**, **EpSpecificCodecXCCD.DataPriority**, **EpSpecificCodecXCCD.PayloadType**, **EpSpecificCodecXCCD.MinPTime** and **EpSpecificCodecXCCD.MaxPTime**.		
VoiceEnable	Read-write	None

Name	Access	Notification
Indicates if the codec can be selected for voice transmission. If enabled, this codec is listed as supported for this specific endpoint. Otherwise, it is ignored. X-CCD Clear Channel is a method to carry 64 kbit/s channel data transparently in RTP packets as defined in RFC 4040. This codec always uses the RTP transport. This configuration overrides the default configuration set in the **DefaultCodecXCCDVoiceEnable** parameter if the **EpSpecificCodecXCCD.EnableConfig** parameter is set to 'Enable'.		
VoicePriority	Read-write	None
Indicates the priority of this voice codec versus the other voice codecs. The voice codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecXCCDVoicePriority** parameter if the **EpSpecificCodecXCCD.EnableConfig** parameter is set to 'Enable'.		
DataEnable	Read-write	None
If enabled, the X-CCD Clear Channel protocol is used for fax transmission. This configuration overrides the default configuration set in the **DefaultCodecXCCDDataEnable** parameter if the **EpSpecificCodecXCCD.EnableConfig** parameter is set to 'Enable'.		
DataPriority	Read-write	None
Indicates the priority of this data codec versus the other data codecs. The data codec with the highest priority will be offered first when an outgoing call is initiated. This priority is not used in incoming calls. The application uses an internal order for codecs with the same priority. 10 is the highest priority and 0 the lowest. This configuration overrides the default configuration set in the **DefaultCodecXCCDDataPriority** parameter if the **EpSpecificCodecXCCD.EnableConfig** parameter is set to 'Enable'.		
PayloadType	Read-write	None
When enabling X-CCD Clear Channel for voice and data transmission, this parameter determines the actual RTP dynamic payload type used in an initial offer. The payload types available are as per RFC 3551. This configuration overrides the default configuration set in the **DefaultCodecXCCDPayloadType** parameter if the **EpSpecificCodecXCCD.EnableConfig** parameter is set to 'Enable'.		

Name		Access	Notification
MinPTime		Read-write	None
	Lower boundary for the packetization period of the given codec. X-CCD Clear Channel -> (10 ms..30 ms) This value is expressed in ms, with increments of 1 ms. This configuration overrides the default configuration set in the **DefaultCodecXCCDMinPTime** parameter if the **EpSpecificCodecXCCD.EnableConfig** parameter is set to 'Enable'.		
MaxPTime		Read-write	None
	Upper boundary for the packetization period of the given codec. X-CCD Clear Channel -> (10 ms..30 ms) This value is expressed in ms, with increments of 1 ms. This configuration overrides the default configuration set in the **DefaultCodecXCCDMaxPTime** parameter if the **EpSpecificCodecXCCD.EnableConfig** parameter is set to 'Enable'.		
X_0090F8_Mipt.DtmfTransport.		Present	N/A
	DTMF Transport Group.		
DefaultDtmfTransportMethod		Read-write	None

Name		Access	Notification
	Selects the preferred DTMF transport method. • InBand: The DTMFs and the voice are mixed together within the RTP audio stream. This method is not reliable when a compressed codec (e.g. G.722, G.723, G.726, G.729) is used. • OutOfBandUsingRtp: The DTMFs are transmitted Out-of-Band along the RTP stream, as per RFC-2833, if the peer supports it. Otherwise, DTMF transport falls back to Inband. This also applies when using SRTP. • OutOfBandUsingSignalingProtocol: The DTMF are transmitted Out-of-Band following a signaling method set in the **SipEp.InteropDtmfTransportMethod** parameter. • SignalingProtocolDependent: The signaling protocol has the control to select the DTMF transport mode. The behavior depends on the **SipEp.InteropDtmfTransportMethod** parameter. If a specific value is set for the **EpSpecificDtmfTransport.Method** parameter and the **EpSpecificDtmfTransport.EnableConfig** parameter is set to *Enable*, then the specific value will override the current default value.		
DefaultDtmfTransportPayloadType		Read-write	None
	Determines the actual RTP dynamic payload type used for telephone-event in an initial offer when selecting the 'OutOfBandUsingRtp' DTMF transport mode (see the **DefaultDtmfTransportMethod** parameter). The payload types available are as per RFC 1890. If a specific value is set for the **EpSpecificDtmfTransport.PayloadType** parameter and the **EpSpecificDtmfTransport.EnableConfig** parameter is set to 'Enable', then the specific value will override the current default value.		

Service Nlm

Name		Access	Notification
X_0090F8_Nlm.		Present	N/A
	The Notifications and Logging Manager (Nlm) service manages the routing and filtering of the unit's event notification messages.		
Events.{i}.		Present	N/A
	This table contains the rules that define how events are filtered and routed.		
Activation		Read-write	Passive
	Current activation state for the routing rule defined in this table entry. • Enable: This action is enabled for this table entry. • Disable: This action is disabled for this table entry.		
Type		Read-write	Passive
	Type of system event for which the routing rule applies. Currently, the only type of supported event is the system notification.		
Criteria		Read-write	Passive

Name	Access	Notification
Expression that an event must match in order to apply the specified action. An expression can contain several 'basic' criteria, separated by commas. The syntax accepts a group of inclusion criteria followed by a group of exclusion criteria. The group of exclusion criteria begins with a hyphen (-). A basic criteria has the following syntax: (Service NumKey || All).(Notification Numkey || Severity level || All). • Keyword All can be used to specify a criteria that applies to all services or all notifications. • Severity level is specified using a single letter: W for Warnings, I for Information, C for Critical, D for Debug, and E for Error. • Several basic criteria can be specified on the same line, separated by commas. • Criteria can specify inclusion or exclusion. A group of exclusion criteria can follow the group of inclusion criteria. The group of exclusion criteria must begin with a hyphen (-). • Matching an inclusion criteria causes the action to be executed unless an exclusion criteria is also matched. • Exclusion criteria have precedence over inclusion criteria. Instead of using an expression such as described above, the single keyword 'All' can be used to accept any notification from any service. If the whole expression is empty, the criteria never matches any notification and no action is executed. Spaces can be present before or after a basic criteria. However, spaces are not accepted within a basic criteria, i.e. before or after the dot. Examples Basic criteria for the ISDN Service (service number key = 1850), Message 'Physical link state changed to up' (message number key = 5): Basic criteria is 1850.5. Expression 1850.All,1600.200,1600.W,-1850.500,1600.300. • 1850.All,1600.200,1600.W are inclusion criteria and -1850.500,1600.300 are exclusion criteria. • All notifications from service 1850, except notification 500, will match the expression. • All notifications from service 1600 with Warning level, except notification 300, will match the expression. • Notification 200 from service 1600 will match the expression, no matter the severity level.		

Name		Access	Notification
Action		Read-write	Passive
	Action to apply to the system event if the criteria matches. The possible actions are: • SendViaSyslog: The event notification is sent using syslog as transport. • SendViaSip: The event notification is sent using SIP Notify as transport. • SendViaSnmp: The event notification is sent using SNMP as transport. • LogLocally: The event notification is logged in LocalLog. • LogToFile: The event notification is logged into a file.		
ConfigStatus		Read-only	Passive
	Configuration status of the row. It indicates whether the configuration of the row is valid. • Valid: The current content of Criteria and Action fields is valid. • Invalid: The current content of Criteria and Action fields is not valid. • NotSupported: The current content Criteria and Action fields is valid but not supported. A possible reason could be, for instance, a resource limitation.		
X_0090F8_Nlm.LocalLog.		Present	N/A
	Local log.		
LocalLogMaxNbEntries		Read-only	Passive
	Maximum number of entries that the local log can contain. When adding a new entry while the local log is full, the oldest entry is erased to make room for the new one.		
LocalLogNbErrorEntries		Read-only	Passive
	Current number of error entries in the local log.		
LocalLogNbCriticalEntries		Read-only	Passive
	Current number of critical entries in the local log.		
LocalLogReset		Write	None

Name		Access	Notification
	Removes all the entries in the local log.		
NumberOfLocalLogMessagesEntries		Read-only	Passive
	Returns the number of entries in LocalLogMessages table.		
LocalLogMessages.{i}.		Present	N/A
	This table contains the entries of the local log.		
LocalTime		Read-only	None
	Local date and time at which the log entry was inserted. Format is YYYY-MM-DD HH:MM:SS.		
ServiceNumkey		Read-only	None
	Numerical identifier of the service that issued the log entry.		
NotificationId		Read-only	None
	Numerical identifier of the notification message.		
Severity		Read-only	None
	Severity of the log entry.		
ServiceTextkey		Read-only	None
	Textual identifier of the service that issued the log entry.		
Message		Read-only	None
	The readable content of the log message.		

Service Pots

Name		Access	Notification
X_0090F8_Pots.		Present	N/A
	The Plain Old Telephony System (POTS) service manages the FXS and FXO analog telephony interfaces.		
X_0090F8_Pots.Fxs.		Present	N/A
	FXS.		
FxsSipMessageAlertingEnable		Read-write	None
	Determines whether or not the FXS endpoints should handle a SIP MESSAGE notification. • Disable: The FXS endpoints will ignore all SIP MESSAGE notifications. • Enable: A SIP message notification will trigger an alert on the FXS endpoint by generating a short ring and sending the message content through the Caller ID. The FXS ports needs to be on-hook for the alert to be generated, otherwise the notification is ignored. The SIP message notifications are received only if the **SipEp.SipMessageSupport** parameter is set to "AcceptPlainText".		
X_0090F8_Pots.Fxs.FxsInterop.		Present	N/A
	FXS Interop Group.		
FxsInteropPlayLocalRingbackWhenNoMediaStream		Read-write	None

Name		Access	Notification
	Forces local ringback generation when early-media is enabled but no media stream has been received yet. • Enable: Upon reception of an early-media provisional response (i.e. SIP 18x with SDP), play a local ringback tone if no RTP packet is received after 1 second. At any moment, if an RTP packet is received, the early-media stream is played right away, thus aborting definitely the local ringback. • Disable: Never play local ringback in early-media use-cases. Applies to outgoing calls only.		
X_0090F8_Pots.Fxo.		Present	N/A
	FXO Group.		
X_0090F8_Pots.Fxo.FxoInterop.		Present	N/A
	FXO Interop Group.		
FxoInteropNormalizeFskCallerId		Read-write	None
	The signal strength of an FSK Caller ID should be constant. Enabling this parameter will help to properly detect a Caller ID when the signal sent by the service provider is not stable enough. • Disable: The FSK signal strength is left unchanged. • Enable: The FSK signal strength is normalised by the Caller ID detector.		
FxoInteropIgnoreInvalidCallerIdChecksum		Read-write	None
	Enabling this parameter may help to detect a received FSK Caller ID even when the decoded data is slightly corrupted. • Disable: The FSK Caller ID data is rejected if decoding errors occurred. • Enable: The FSK Caller ID data is accepted even if the checksum is invalid or its end-bit is missing.		

Service Sbc

Name		Access	Notification
X_0090F8_Sbc.		Present	N/A
	The Session Border Controller (SBC) service allows the administrator to perform SIP to SIP normalization, call routing, NAT traversal, and survivability.		
ApplyConfiguration		Write	None
	Apply any pending configuration changes. The **ConfigModifiedStatus** parameter indicates whether or not some changes were made to the configuration but not yet applied. Note that pending configuration changes are automatically applied when the Sbc service is restarted. When editing the content of a ruleset, the changes made are immediately applied when the ruleset is saved. There is no pending state when editing Rulesets. This command is ignored if the **NeedRestartInfo** indicates that the Sbc service requires a restart. See also the `CancelEdits` command.		
CancelEdits		Write	None
	Cancel any pending configuration changes. See also the `ApplyConfiguration` command. This command has no effect if the **ConfigModifiedStatus** parameter indicates there are no pending changes.		
X_0090F8_Sbc.Config.		Present	N/A
	Configuration Group.		
ConfigModifiedStatus		Read-only	None
	Indicates that some configuration changes need the `ApplyConfiguration` command to be executed in order to take effect or to be validated. Restarting the service will also apply these changes. 1. Yes: The configuration has been modified but has not been applied. 2. No: The configuration has not been modified. Use the `ApplyConfiguration` command to apply the configuration.		

Name		Access	Notification
CallAgent.{i}.		Present	N/A
	This table contains the parameter used to configure the Call Agents. The changes to this table are applied on execution of the `ApplyConfiguration` command or when the service is restarted.		
Name		Read-write	None
	Call Agent name. Alpha-numerics as well as '.', '-' and '_' are valid characters.		
Enable		Read-write	None
	Activate/deactivate the Call Agent.		
SignalingInterface		Read-write	None
	ID of the Signaling Interface used by this Call Agent.		
MediaInterface		Read-write	None
	ID of the Media Interface used by this Call Agent.		
Gateway		Read-write	None

Name		Access	Notification
	Name of the local gateway to be used by this Call Agent. When no local gateway is selected, the Call Agent will use an external peer. When the **Gateway** parameter is set to a local gateway, • the **PeerHost** and **PeerNetwork** parameters are ignored • the **CallAgent.SignalingInterface** parameter is ignored and is replaced by the loop_s signaling interface • the **CallAgent.MediaInterface** parameter can be left empty in which case the loop_m media interface is used A few consistency checks are also performed when the **CallAgent.Gateway** parameter is configured: • The gateway must exist in the SipEp service. • The gateway's network interface must be set to 'SBC'. • The gateway's media network must be configured on the same network as the Call Agent. When these consistency checks fail, warning notifications are issued but the configuration is not refused.		
PeerHost		Read-write	None
	FQDN / IP addr and port of the SIP peer for this Call Agent.		
PeerNetwork		Read-write	None
	Network address of the SIP peers for this Call Agent.		
ForceTransport		Read-write	None

Name		Access	Notification
	Force the Call Agent to use the selected transport protocol when initiating SIP dialogs. • None: Transport is not forced. Will use UDP if the use of another transport protocol is not forced elsewhere. • TCP: The outbound SIP signalling will be transported over TCP on the normal port. • UDP: The outbound SIP signalling will be transported over UDP on the normal port. • TLS: The outbound SIP signalling will be transported over TLS on the secure port. Note: To force TLS and guarantee that no other transport protocol can be used, you must also set the **SignalingInterface.AllowedTransports** parameter to TlsOnly.		
ConfigStatus		Read-only	None
	Configuration status of the row. Indicates if the configuration of this Call Agent is valid and ready to be applied. • Valid: The current content of the row is valid. • UnknownSignalingInterface: The Signaling Interface is not set or has an unknown ID. • UnknownMediaInterface: The Media Interface has an unknown ID. • InvalidGatewayBinding: The parameters binding the gateway to the Call Agent are not configured properly. • InvalidConfig: The configuration is not valid. • NoMediaInterface: The Media Interface is not set.		
CallAgentRuleset.{i}.		Present	N/A

Name		Access	Notification
	This table allows the user/administrator to associate Rulesets to Call Agents. The changes to this table are applied when the `ApplyConfiguration` command is executed or when the service is restarted. The changes to the ruleset files are applied when the `ApplyConfiguration` command is executed or when the service is restarted. **Note:** Even if the **ConfigModifiedStatus** parameter does not indicate 'yes', after modifying the **CallAgentRuleset** table, you must execute the `ApplyConfiguration` command.		
CallAgent		Read-write	None
	ID of the **CallAgent** table entry to which this Ruleset is attached.		
Priority		Read-write	None
	Execution priority of this Ruleset for the Call Agent. Inbound rules of the Ruleset are executed in ascending priority order. Outbound rules are executed in descending priority order.		
Ruleset		Read-write	None
	Name of the Ruleset to which the Call Agent is attached. This name must match the name of a Call Agent ruleset file in the local storage of this device (see the File Service). This file must have the exact same name with a '.crs' extension. For example: 'my_ruleset.crs'.		
Parameters		Read-write	None
	List of named parameters (parameter=value) for the Ruleset. General format: parameter1=value1 parameter2=value2 parameter3=value3 Each parameter-value pair must be separated by a space. The values can contain any character, with the following constraints: • Values that contain space characters must be enclosed within double quotes. • Within the values, double quotes and backslash characters must be escaped with a backslash. The maximum length for a value is 100 characters. Example: FirstValue=1 SecondValue = 192.168.0.1:5060 ThirdValue ='A more complex string'		
ConfigStatus		Read-only	None

Name		Access	Notification
	Configuration status of the Ruleset. Indicates whether this Ruleset is valid and ready to be applied. • Valid: The current content of the row is valid. • UnknownRuleset: The ruleset file is not found. • InvalidConfig: The configuration is not valid.		
CallAgentRulesetCatalog.{i}.		Present	N/A
	This table displays the call agent Rulesets installed on this device.		
Name		Read-only	None
	Ruleset name. The Ruleset name is based on the file name from which the extension '.crs' was removed.		
Description		Read-only	None
	Description of the Ruleset.		
Origin		Read-only	None
	Origin of the Ruleset. • Factory: Read only Ruleset delivered with the application. • Custom: User defined Ruleset. A custom Ruleset has priority over a factory Ruleset. If a custom Ruleset is created with the same name as a factory Ruleset, it is the custom Ruleset that will be shown and used. Once the custom Ruleset is deleted, the factory Ruleset will be reactivated. Cloning, editing and saving a factory Ruleset will create a custom Ruleset without modifying the factory Ruleset.		
RoutingRules.{i}.		Present	N/A

Name		Access	Notification
	This table allows the user/administrator to configure the Routing Rulesets. The changes to this table are applied when the `ApplyConfiguration` command is executed or when the service is restarted. The changes to the ruleset files are applied when the `ApplyConfiguration` command is executed or when the service is restarted. **Note:** Even if the **ConfigModifiedStatus** parameter does not indicate 'yes' after modifying the **RoutingRules** table, you must execute the `ApplyConfiguration` command.		
Priority		Read-write	None
	Priority of execution of the Routing Rulesets.		
Ruleset		Read-write	None
	Name of the Routing Ruleset. This name must have the exact same name with the same extension ('.rrs') as the name of the routing ruleset file located in the local storage of this device (see the File Service). For example: 'my_routing_ruleset.rrs'.		
Parameters		Read-write	None
	List of parameters with their value (parameter=value) for the Routing Ruleset. General format: parameter1=value1 parameter2=value2 parameter3=value3 Each parameter-value pair must be separated by a space. The values can contain any character, with the following constraints: • Values that contain space characters must be enclosed within double quotes. • Within the values, double quotes and backslash characters must be escaped with a backslash. The maximum length for a value is 100 characters. Example: FirstValue=1 SecondValue = 192.168.0.1:5060 ThirdValue ='A more complex string'		
ConfigStatus		Read-only	None

Name		Access	Notification
	Configuration status of this routing entry. Indicates whether the **RoutingRules** table entry is valid and ready to be applied. • Valid: The current content of the row is valid. • UnknownRuleset: The ruleset file is not found. • InvalidConfig: The configuration is not valid.		
RoutingRulesetCatalog.{i}.		Present	N/A
	This table displays the routing Rulesets installed on this device.		
Name		Read-only	None
	Ruleset name. The Ruleset name is based on the file name from which the extension '.rrs' was removed.		
Description		Read-only	None
	Description of the Ruleset.		
Origin		Read-only	None
	Origin of the Ruleset. • Factory: Read only Ruleset delivered with the application. • Custom: User defined Ruleset. A custom Ruleset has priority over a factory Ruleset. If a custom Ruleset is created with the same name as a factory Ruleset, it is the custom Ruleset that will be shown and used. Once the custom Ruleset is deleted, the factory Ruleset will be reactivated. Cloning, editing and saving a factory Ruleset will create a custom Ruleset without modifying the factory Ruleset.		
SignalingInterface.{i}.		Present	N/A
	This table allows the user/administrator to configure the Signaling Interfaces. To apply the changes made to this table, the service must be restarted.		
Name		Read-write	None
	Signaling Interface name. Alpha-numerics as well as '.', '-' and '_' are valid characters.		

Name		Access	Notification
NetworkInterface		Read-write	None
	The name of the BNI Network Interface this Signaling Interface is linked to.		
Port		Read-write	None
	Signaling port number on which to receive and send requests. A value of '0' uses the default SIP port.		
SecurePort		Read-write	None
	Signaling port number used to receive and send Secure SIP requests. A value of '0' uses the default Secure SIP port.		
ForceLocalClientPort		Read-write	None
	Traditionally a TCP or TLS client connection uses a local ephemeral port (i.e. randomly chosen) to create a connection to a remote server. When this parameter is enabled, the local client connection will not use an ephemeral port for this Signaling Interface, but will share the same port number as the local server port specified in the **Port** or **SecurePort** parameters. This parameter has no effect for UDP, and for TLS when the **TlsMode** parameter is set to "server". Note: When disabling this parameter, please stop the Sbc service for at least 60 seconds before starting it back. Otherwise the Sbc service may need to be restarted a second time, due to listening port number conflict.		
TlsMode		Read-write	None

Name		Access	Notification
	The TLS mode that this signaling interface uses. • Both: Permits both client and server connections. • Client: This Signaling Interface can only be used as a TLS client. If no host certificate is present on the unit only this mode is enabled • Server: This Signaling Interface can only be used as a TLS server. This mode requires a valid host certificate on the unit. • BothMutualAuth: Permits both client and server connections. Server connections require mutual authentication. • ServerMutualAuth: This Signaling Interface can only be used as a TLS server and requires mutual authentication. This mode requires a valid host certificate on the unit. Note: In mutual authentication mode, peer certificate validation is limited to verifying that the certificate is trusted and has not expired. If **CertificateValidation** is set to NoValidation, peer certificate validation is skipped and mutual authentication will not take effect, even when a mutual authentication mode is selected.		
AllowedTransports		Read-write	None
	This parameter configures which transport protocols are allowed on the Sinaling Interface. The possible values are: • All: The Signaling Interface has no restriction on the transport protocol. It supports all transport protocols supported by the SBC. • TlsOnly: The Signaling Interface only supports TLS. Incoming SIP requests that are not in TLS are not directed to this Signaling Interface. Outgoing SIP requests are forced to TLS, even when the **ForceTransport** parameter is set to another transport protocol or when the Contact received when establishing a dialog specifies another transport protocol.		
PublicIpAddr		Read-write	None

Name		Access	Notification
	Public IP address of this Signaling Interface. Use this parameter when the interface is located on the 'private' side of a NAT and must be contacted from the 'public' side. This parameter must be set to the public FQDN or public IP address of the NAT. The NAT must be configured with port forwarding to the 'private' IP address of this Interface, e.g. as per the **NetworkInterface** parameter. Note: A FQDN in this parameter will be used as-is, without being resolved.		
TcpConnectTimeout		Read-write	None
	TCP connection timeout, in milliseconds, for connections initiated by the SBC service.		
TcpIdleTimeout		Read-write	None
	Idle timeout, in milliseconds, after which a TCP connection is closed. A value of '0' means there is no idle timeout.		
DiffServ		Read-write	None
	In general, Differentiated Services (DiffServ) control the Quality of Service (QoS) tagging of IP network traffic. In this case it controls the tagging of IPv4 packets transmitted by this interface. This 8-bit value is directly set in the TOS field (2nd byte) of the IPv4 header, allowing the use of either DiffServ or TOS mapping. The RFC 4594 recommends a DSCP value of 46 for Telephony (VoIP), which means a DiffServ value of 184 (the default in DGW)		
ConfigStatus		Read-only	None

Name		Access	Notification
	Configuration status of this Signaling Interface. Indicates if the Signaling Interface configuration is valid and ready to be applied. • Valid: The current content of the row is valid. • UnknownNetworkInterface: The **NetworkInterface** parameter is either empty or unknown. • PortConflict: The selected port is in conflict with another usage. • InvalidTlsMode: The selected port is in conflict with another usage. • InvalidTransportMode: The Signaling Interface is configured to use only TLS transport and host validation is required by configuration but no CA certificate is present. • InvalidConfig: The configuration of this Signaling Interface is invalid.		
MediaInterface.{i}.		Present	N/A
	This table allows the user/administrator to configure the Media Interfaces. To apply the changes made to this table, the service must be restarted.		
Name		Read-write	None
	Media Interface name. Alpha-numerics as well as '.', '-' and '_' are valid characters.		
NetworkInterface		Read-write	None
	The name of the BNI Network Interface the Signaling Interface is linked to.		
PortRange		Read-write	None
	Range of ports assigned to send and receive media traffic.		
PublicIpAddr		Read-write	None
	Public IP address of this Media Interface. Use this parameter when the interface is located on the 'private' side of a NAT and must be contacted from the 'public' side. This parameter must be set to the public FQDN or public IP address of the NAT. The NAT must be configured with port forwarding to the 'private' IP address of this Interface, e.g. as per the **NetworkInterface** parameter. Note: A FQDN in this parameter will internally be resolved to an IP address before usage.		

Name		Access	Notification
DiffServ		Read-write	None
	In general, Differentiated Services (DiffServ) control the Quality of Service (QoS) tagging of IP network traffic. In this case it controls the tagging of IPv4 packets transmitted by this interface. This 8-bit value is directly set in the TOS field (2nd byte) of the IPv4 header, allowing the use of either DiffServ or TOS mapping. The RFC 4594 recommends a DSCP value of 46 for Telephony (VoIP), which means a DiffServ value of 184 (the default in DGW)		
ConfigStatus		Read-only	None
	Configuration status of the row. Indicates if this Media Interface is valid and ready to be applied. • Valid: The current content of the row is valid. • UnknownNetworkInterface: The **NetworkIterface** parameter is either empty or unknown. • PortConflict: The selected port is in conflict with another usage. • InvalidConfig: The configuration of this Media Interface is invalid.		
RegistrationAgent.{i}.		Present	N/A
	This table allows the user/administrator to configure the Registration Agent. The changes to this table take effect immediately.		
Username		Read-write	None
	User name in the Address of Record (AoR) of this registration entry.		
Domain		Read-write	None
	Domain in the Address of Record (AoR) of this registration entry.		
FriendlyName		Read-write	None
	Friendly name of this registration entry.		
Contact		Read-write	None

Name		Access	Notification
	SIP Contact to register. This field accepts the syntax of standard expressions of the SIP contact header. Also it supports a Call Agent macro format %capubip(ca_name)% that is substituted by the actual address and port values of the Call Agent designated by ca_name. Note that the public address is used when the Signaling Interface associated with the Call Agent is configured with the public address. Otherwise, the network interface address of the Signaling Interface is used. The macro can be used alone or within a contact expression: • %capubip(ca_name)% - the macro is replaced by the IP address and port and prefixed by 'sip:'. • sip:user@%CallAgentName%;uri-parameters?headers - the macro is replaced by the IP address and port within the contact expression. Examples of using this macro: • %capubip(wan_ip_trunk_ca)% --> sip:1.1.1.1:5060 • sip:user@%capubip(wan_ip_trunk_ca)% --> sip:user@1.1.1.1:5060 • sips:user@%capubip(wan_ip_trunk_ca)%;uri-parameters?headers --> sips:user@1.1.1.1:5060;uri-parameters?headers Where 1.1.1.1:5060 are the IP address and port of the Signaling Interface associated with the wan_ip_trunk_ca Call Agent.		
RegistrationType		Read-write	None
	Selects the type of registrations made by this Registration Agent. • Normal: Registrations made by this Registration Agent are regular registrations for single users. • RFC6140: Registrations made by this Registration Agent are bulk registrations as defined in RFC 6140.		
ExpireValue		Read-write	None
	Registration expiration, in seconds.		
RetryInterval		Read-write	None

Name		Access	Notification
	Interval, in seconds, to retry an unsuccessful registration.		
ConfigStatus		Read-only	None

	Configuration status of the Registration Agent.
	Indicates if the Registration Agent entry is valid. A valid entry is applied immediately when entering it.
	• Valid: The current content of the row is valid.
	• InvalidConfig: The configuration is not valid.
	• InvalidContact: The contact is not valid. Possible causes are:
	  • The macro used as the contact refers to a Call Agent that is not active or non-existent.
	  • The Registration Type is RFC 6140 and the contact has a user part.		

PeerMonitoring.{i}.		Present	N/A

Name		Access	Notification
	This table extends the **CallAgent** table with the configuration of the Blacklisting and the Peer Server Monitoring. Blacklisting is the mechanism through which SIP server availability is managed. Unresponsive servers are put in a blacklist for a duration of **BlackListingDuration** and are not used during that time. To complement Blacklisting, Peer Monitoring can be used to actively verify if servers are responsive. This allows detecting unresponsive servers before they are used. Peer Monitoring is done by sending SIP OPTIONs to the monitored servers. A server can be blacklisted as a result of Peer Monitoring or in the course of normal SIP signaling. During 'normal' SIP signaling, a server can be blacklisted on dialog-opening transactions or on out-of-dialog transactions. The in-dialog transactions that fail do not cause blacklisting. Peer Monitoring is based on the value of **CallAgent.PeerHost**. If the value of the **CallAgent.PeerHost** parameter is an IP address, then the Peer Monitoring is made on this address. If the value of the **CallAgent.PeerHost** parameter is an FQDN, all the address:port values obtained from the DNS are monitored independently. The Call Agent is considered blacklisted only when all the address:port values obtained from the DNS are blacklisted. Peer Monitoring is done using the transport protocol configured in the **CallAgent.ForceTransport** parameter. If this parameter is not configured, the default SIP transport (UDP) is used. Peer Monitoring is performed independently of the rules defined in the Routing Rulesets. The changes to this table are applied when the `ApplyConfiguration` command is executed or when the service is restarted.		
KeepAliveInterval		Read-write	None
	Interval, in seconds, for sending Keep-Alive OPTIONS to monitor the Call Agent's peer. Special value '0' means the Peer Monitoring feature is disabled.		
BlackListingDuration		Read-write	None
	Duration, in seconds, that a peer host remains blacklisted when it appears to be down. Special value '0' means a peer host is never blacklisted.		
BlackListingDelay		Read-write	None

Name		Access	Notification
	Delay, in milliseconds, after which the peer is considered to be 'down' following expiration of the transaction timer. A value of '0' means the peer host is blacklisted immediately after expiration of the transaction timer.		
BlackListingErrorCodes		Read-write	None
	Comma-separated list of SIP response codes indicating the peer is down. After sending a monitoring request or any other message to the peer, if the Call Agent receives one of these response codes, the peer host is immediately blacklisted.		
CustomHeader		Read-write	None
	Additional SIP header added in the OPTIONS request sent for monitoring purposes. The header string must respect the usual format: Header-Name: header-value. Macros can be used to include information specific to the unit. The supported macros are: • %mac% - the MAC address of the unit. • %version% - the MFP version of the unit. • %product% - the product name of the unit. • %productseries% - the product series name of the unit. • %profile% - the MFP profile of the unit. • %serial% - the serial number of the unit.		
X_0090F8_Sbc.Config.Ha.		Present	N/A
	HA Group.		
HaStatus		Read-only	Passive

Name		Access	Notification
	HA Status: • Disabled: HA is disabled. • Master: HA is in master mode. • Backup: HA is in backup mode. • Unknown: HA is in unknown mode.		
HaNetworkInterface		Read-write	None
	When empty, the Sbc HA support is disabled. The Ha service network interface used by the Sbc service to implement the Sbc HA feature. The interface name corresponds to an "Ha_" prefixed entry in the Ha.VrrpInstance table (e.g. "Ha_MyInstance") When multiple instances within the Ha.VrrpInstance share the same group, another option containing all of them in sequence (e.g. "Ha_MyInst1,Ha_MyInst2") is provided such that the Sbc service can follow over the entire group, rather than a singular instance NOTE: The Sbc service must be configured accordingly, no validation is performed.		
HaLocalSyncNetworkInterface		Read-write	None
	The network interface used to synchronize with the peer call database.		
HaPeerSyncIpAddr		Read-write	None
	The peer IP address to synchronize the call database with.		
X_0090F8_Sbc.Routing.		Present	N/A
	Routing Group.		
PrefixBasedRouting.{i}.		Present	N/A
	This table contains the prefix-based routing rules. The changes to this table take effect immediately.		
Prefix		Read-write	None
	Prefix to match in order to apply the rule. A rule is selected using the longest-prefix-match algorithm.		
DestinationCa		Read-write	None
	Id of a Call Agent in the **CallAgent** table. This Call Agent is used for sending the request.		

Name		Access	Notification
RoutingMethod		Read-write	None
	Method used for routing. • NextHop: This method allows sending the request directly to this next hop, without necessarily modifying the outbound message. The next hop is used for all requests within a given SIP dialog, thus ignoring data from the dialog state (remote URI, route set). If the target Call Agent is defined with a peer host, the next hop field default destination is the IP address or domain name and port of that host. Otherwise, it is mandatory to enter an override destination (domain name or IP address). When using the NextHop method, the **DestinationOveride** parameter supports multiple destinations by using a comma-separated list of destinations. • OutboundProxy: This method adds a Route header field to the forwarded request, which will be considered for routing by the SIP transport layer. Similar to the NextHop method, the default destination is a URI built out of the IP address or domain name and port as defined by the Call Agent, if applicable. • RequestUri: This method uses the Request URI (R-URI) to determine the next hop. Note that the target Call Agent set is still used to execute the outbound rulesets regardless of the host portion of the R-URI.		
DestinationOverride		Read-write	None
	String containing a coma-separated list of IP addresses or FQDNs to use as the next hop when the routing method is set to 'NextHop' or 'OutboundProxy'. This destination overrides the peer host that is configured in the target Call Agent. If the target Call Agent does not specify a peer host then using the destination override is mandatory.		
RUriHandling		Read-write	None
	Indicates how to handle the host part of the Request URI. • None: Leave the request URI unmodified. • Update: Update the host part of the Request URI with the destination next hop or outbound proxy. • Replace: Replace the Request URI by the (resolved) numeric IP address of the next hop.		
ForceTransport		Read-write	None

Name		Access	Notification
	Force the use of a selected transport protocol when initiating SIP dialogs. Supersedes what is defined in the Call Agent. • None: Transport is not forced. Will use UDP if the use of another transport protocol is not forced elsewhere. • TCP: The outbound SIP signaling will be transported over TCP on the normal port. • UDP: The outbound SIP signaling will be transported over UDP on the normal port. • TLS: The outbound SIP signaling will be transported over TLS on the secure port. Note: To force TLS and guarantee that no other transport protocol can be used, you must also set the **SignalingInterface.AllowedTransports** parameter to TlsOnly.		
ConfigStatus		Read-only	None
	Configuration status of the row. Indicates if the **PrefixBasedRouting** entry is valid and ready to be applied. • Valid: The current content of the row is valid. • InvalidCa: The Call Agent is not defined. • NoPrefix: The prefix is not defined. • InvalidDestination: The destination is not valid. • DestinationOverrideMandatory: The destination override is missing. • PrefixDuplicate: The prefix is already used by an other entry. • InvalidConfig: The configuration is not valid.		

Name		Access	Notification
X_0090F8_Sbc.Registration.		Present	N/A
	Registration Group.		
StaticRegistration.{i}.		Present	N/A
	This table contains the Static Registration entries. It is used by Rulesets to validate or to update, with the table's content, various fields of a SIP request. The changes to this table take effect immediately.		
Aor		Read-write	None
	The address of record, in URI format, of this registration entry. For example: sip:alice@example.com This value must be unique within the table.		
Contact		Read-write	None
	The SIP contact, in URI format, used for this registration entry. For example: sip:5551212@192.168.11.23:5060		
ConfigStatus		Read-only	None
	Configuration status of the row. Indicates if the **StaticRegistration** entry is valid and ready to be applied. • Valid: The current content of the row is valid. • AorDuplicate: The Aor is identical to another one within the table. • InvalidConfig: The configuration is not valid.		
X_0090F8_Sbc.Status.		Present	N/A
	Status Group.		
CallAgentStatus.{i}.		Present	N/A
	This table displays the status and the active configuration of the Call Agents.		
Name		Read-only	None
	Call Agent name. This name is displayed everywhere the Call Agent is used in the Management Interface.		
SignalingInterface		Read-only	None
	ID of the Signaling Interface used by this Call Agent.		

Name		Access	Notification
MediaInterface		Read-only	None
	ID of the Media Interface used by this Call Agent.		
Gateway		Read-only	None
	Name of the local gateway to be used by this Call Agent. When no local gateway is selected, the Call Agent will use an external peer.		
PeerHost		Read-only	None
	Resolved IP address of the peer.		
State		Read-only	None
	State of the call agent. • Active: The Call Agent is active. • NetworkDown: The Call Agent is inactive because the network is down.		
SignalingInterfaceStatus.{i}.		Present	N/A
	This table displays the active configuration of the Signaling Interfaces.		
Name		Read-only	None
	Signaling Interface name. This name is displayed everywhere the Signaling Interface is used in the Management Interface.		
NetworkInterface		Read-only	None
	The name of the BNI Network Interface on which this Signaling Interface is attached.		
Port		Read-only	None
	Signaling port number on which requests are sent and received.		
SecurePort		Read-only	Passive
	Signaling Secure Port number.		
ForceLocalClientPort		Read-only	Passive
	ForceLocalClientPort value currently in use on this Signaling Interface.		
TlsMode		Read-only	Passive
	The TLS mode that this signaling interface uses.		
AllowedTransports		Read-only	Passive

Name		Access	Notification
	Transport protocols allowed on the Signaling Interface. The possible values are: • All: The Signaling Interface has no restriction on the transport protocol. It supports all transport protocols supported by the SBC. • TlsOnly: The Signaling Interface supports only TLS.		
PublicIpAddr		Read-only	None
	Public FQDN or public IP address for near-end NAT traversal.		
TcpConnectTimeout		Read-only	None
	TCP connection timeout, in milliseconds, for connections initiated by the SBC.		
TcpIdleTimeout		Read-only	None
	Idle timeout, in milliseconds, after which a TCP connection is closed. Special value '0' means there is no idle timeout.		
DiffServ		Read-only	None
	DiffServ value currently in use on this Signaling Interface.		
IpAddress		Read-only	None
	Current local IP address of this Signaling Interface.		
State		Read-only	None
	State • Active: The Signaling Interface is active. • NetworkDown: The Signaling Interface is inactive because the network is down. • NoIpAddress: The Signaling Interface is inactive because it has no IP address.		
MediaInterfaceStatus.{i}.		Present	N/A
	This table displays the active configuration of the Media Interfaces.		
Name		Read-only	None
	Media Interface name. This name is displayed everywhere the Media Interface is used in the Management Interface.		
NetworkInterface		Read-only	None
	The name of the BNI Network Interface the Signaling Interface is linked to.		
PortRange		Read-only	None

Name		Access	Notification
	Range of ports assigned to send and receive media traffic.		
PublicIpAddr		Read-only	None
	Public FQDN or public IP address for near-end NAT traversal.		
DiffServ		Read-only	None
	DiffServ value currently in use on this Media Interface.		
IpAddress		Read-only	None
	Current local IP address of this Media Interface.		
State		Read-only	None
	State • Active: The Media Interface is active. • NetworkDown: The Media Interface is inactive because the network is down. • NoIpAddress: The Media Interface is inactive because it has no IP address.		
CallAgentRulesetStatus.{i}.		Present	N/A
	This table displays the association of Rulesets to Call Agents.		
CallAgent		Read-only	None
	ID of the **CallAgent** table entry to which this Ruleset is attached.		
Priority		Read-only	None
	Priority of execution of this Ruleset on that Call Agent. Inbound rules of the Ruleset are executed in ascending priority order. Outbound rules are executed in descending priority order.		
Ruleset		Read-only	None
	Name of the Ruleset to which the Call Agent is attached.		
Parameters		Read-only	None
	List of ruleset parameters and their value.		
RoutingRulesStatus.{i}.		Present	N/A
	This table contains the configuration of the routing rules.		
Priority		Read-only	None
	Priority of execution of the Routing Rulesets.		
Ruleset		Read-only	None

Name		Access	Notification
	Name of the routing ruleset.		
Parameters		Read-only	None
	List of routing ruleset parameters and their value.		
RegistrationAgentStatus.{i}.		Present	N/A
	This table displays the state of the Registration Agent's Subscribers		
State		Read-only	Passive
	The current state of the registration. • Registering: The registration is currently trying to register. • Registered: The registration is successfully registered. • Refreshing: The registration is trying to refresh. • Unreachable: The last registration attempt failed because the registrar is unreachable. • Rejected: The last registration attempt failed because the registrar rejected the registration. • InvalidResponse: The received 200 OK response contact does not match the contact of the register. Or the 200 OK response for an un-register contains contact. This value is also used when the response doesn't match any other state. • NotFound: The last registration attempt failed with SIP code 404. This can happen when the registrar does not find the user or if the Sbc service is not configured properly. • Unknown: The state is not available. Please try again later.		
X_0090F8_Sbc.Statistics.		Present	N/A
	Statistics Group.		
NbActiveCalls		Read-only	Passive

Name		Access	Notification
	Current number of active calls handled by the SBC service.		
CallAgentStats.{i}.		Present	N/A
	This table contains the statistics related to a Call Agent. Statistics are collected as soon as the SBC service is started.		
CallAgent		Read-only	
	Id of the Call Agent associated with the statistics.		
InboundCallAttempts		Read-only	None
	Number of inbound call attempts for this Call Agent.		
OutboundCallAttempts		Read-only	None
	Number of outbound call attempts for this Call Agent.		
InboundCallCompleted		Read-only	None
	Number of completed inbound calls for this Call Agent.		
OutboundCallCompleted		Read-only	None
	Number of completed outbound calls for this Call Agent.		
X_0090F8_Sbc.Transport.		Present	N/A
	Transport Group.		

Service SipEp

Name		Access	Notification
X_0090F8_SipEp.		Present	N/A
	The SIP Endpoint (SipEp) service allows the administrator to associate telephony endpoints with SIP user agents.		
UserAgent.{i}.		Present	N/A
	This table holds the user agent configuration parameters. A user agent is a logical entity that can act as both a client and a server for the duration of a dialog. The information contained in this table will be used to dynamically create the To, From, and Contact headers used in the request sent by the UAC (User Agent Client).		
EpId		Read-only	None
	String that identifies an endpoint in other tables.		
Username		Read-write	None
	A string that uniquely identifies this endpoint in the domain. For example, a telephone number. This string is used when creating the Contact and From headers. The SIP From header carries the permanent location (IP address, home domain) where the endpoint is. The SIP Contact header carries the CURRENT location (IP address) where the endpoint can be reached. Contact headers are used in two ways: First, contacts are registered to the SIP registrar. This enables external callers to be redirected to the endpoint's current location. Second, a contact header is sent along with any request the UA sends (e.g.: INVITE), and is used by the target UA as a return address for later requests sent by the target to this endpoint.		
FriendlyName		Read-write	None
	Friendly name for SIP User Agent. A friendly name or display name is meant to contain a descriptive version of the URI and is intended to be displayed to a user interface.		
Register		Read-write	None
	Indicates if the endpoint needs to register to the registrar. If set to Enable, the endpoint will become BY DEFAULT unavailable when not registered. The **RegistrationUnregisteredBehavior** parameter can modify this behaviour.		
GatewayName		Read-write	None

Name		Access	Notification
	Selects on which SIP gateway the user configuration is applied. The value must match the gateway name as defined in the **Gateway.Name** parameter. The value 'all' means all gateways.		
MwiSubscribe		Read-write	None
	Indicates if the endpoint needs to subscribe to messaging system. When set to Enable, an endpoint subscription is triggered.		
ContactDomain		Read-write	None
	Indicates the host part of the SIP contact field. If an empty string is specified, the listening IP address is used.		
AcceptLanguage		Read-write	None
	Indicates the preferred languages for reason phrases, session descriptions, or status responses carried as message bodies in the response. It is used to fill the Accept-Language SIP header field. The general syntax is a comma-separated list of language codes. Example: en, fr See ISO 639-1 for a list of language codes. See RFC 3261 for the detailed syntax. NOTE: When the string is empty, the Accept-Language header will not be added.		
X_0090F8_SipEp.Registration.		Present	N/A
	Registration Group.		
NumberOfRegistrationStatusEntries		Read-only	Passive
	Returns the number of entries in RegistrationStatus table.		
RegistrationStatus.{i}.		Present	N/A
	This table holds a list of current registration.		
Gateway		Read-only	Passive
	The SIP gateway used to register.		
Endpoint		Read-only	Passive
	The endpoint related to this registration. The parameter is empty for generic unit registration not related to an endpoint.		
State		Read-only	Passive

Name		Access	Notification
	The current state of the registration. • Unregistered: The registration is not registered and never tries to register. This case occurs if the network interface used by the SIP gateway is not up or the unit/endpoint is locked. • Registering: The registration is currently trying to register. • Registered: The registration is successfully registered. • Refreshing: The registration is trying to refresh. • Unreachable: The last registration attempt failed because the registrar is unreachable. • AuthFailed: The last registration attempt failed because authentication was not successful. • Rejected: The last registration attempt failed because the registrar rejects the registration. • ConfigError: The last registration attempt failed because it was badly configured. Check if the username to register and the registrar host are not empty. • InvalidResponse: The received 200 OK response contact do not match the contact of the register. Or the 200 OK response for an un-register contains contact.		
Registrar		Read-only	Passive
	The host of the registrar currently used by the registration.		
Username		Read-only	Passive
	The username currently used by the registration.		
X_0090F8_SipEp.Transport.		Present	N/A
	Transport Group.		

Name		Access	Notification
TransportAddRPortEnable		Read-write	None
	Indicates whether or not the rport parameter should be added to the Via header field, as defined in RFC 3581. Enabling this parameter may help in some NAT-traversal use-cases (if supported by the server).		
TransportPersistentBasePort		Read-write	None
	Base port used to establish persistent connections with SIP servers. When the SipEp service creates a persistent connection, the local SIP port for that connection is the first available port starting from the last Persistent base port value used. See also the **TransportPersistentPortInterval** parameter.		
TransportPersistentPortInterval		Read-write	None
	Interval used to cycle through a range of ports. That last available port is the sum of **TransportPersistentBasePort** and **TransportPersistentPortInterval** values. After a reboot, the last SIP port used is remembered and the following ports are used, instead starting from the base port. If set to '0', the cycle mechanism is disabled. See also the **TransportPersistentBasePort** parameter.		
TransportPersistentDisconnectOnSipTransmissionError		Read-write	None
	When enabled, resets the persistent connection when a SIP transmission error occurs.		
TransportPersistentDisconnectOnSipTransmissionErrorEpGw		Read-write	None
	Specifies which SIP request types transmission errors will trigger a disconnection of a TCP persistent connection. • All: Disconnect on any SIP request type transmission error. • Register: Disconnect on SIP REGISTER transmission error only.		
X_0090F8_SipEp.Dns.		Present	N/A
	DNS Group.		
SupportedDnsQueries		Read-write	None

Name	Access	Notification
Specify the type of DNS queries that the SipEp service supports and uses. • Address: Sends only Address requests (type A or AAAA, based on the value of the **DnsIpVersion** parameter). • Srv: Sends a Service request (type SRV) first and then Address requests (type A) if needed. • Naptr: Sends a Naming Authority Pointer request (type NAPTR) first and then Service requests (type SRV) or Address requests (type A) as needed.		
DnsFailureConcealment	Read-write	None
Configures the way failed DNS queries are handled. • None: When a DNS query times-out or returns an error, the SIP transaction fails. • OnNoResolution: When a DNS query times-out or returns an error, the result from the last succesful query for the same FQDN is used. Note: This parameter applies only to the 'Endpoint' type Gateways.		
DnsIpVersion	Read-write	None
Configures which versions of IP are supported or enabled for DNS queries made for SIP requests. • Ipv4Only: The DNS queries for SIP requests only support IPv4. • Ipv4Preferred: The DNS queries for SIP requests support both IPv4 and IPv6: If both are resolved successfully, IPv4 will be used.		
X_0090F8_SipEp.EventHandling.	Present	N/A
EventHandling.		
SipMessageSupport	Read-write	None

Name		Access	Notification
	Specifies the support of incoming SIP MESSAGE for notifications. • Disabled: SIP MESSAGEs are rejected with a 405 Method Not Allowed. • AcceptPlainText: SIP MESSAGEs are accepted if the payload type is text/plain, otherwise the MESSAGE is rejected with a 405 Method Not Allowed. Accepted MESSAGE are sent to the corresponding FXS endpoint, which will trigger an alert if the **Pots.FxsSipMessageAlertingEnable** parameter is enabled. This feature is usually used for call forwarding notifications.		
X_0090F8_SipEp.SecurityAgreement.		Present	N/A
	Security Mechanism Agreement Group.		
MediaSecurityAgreementEnable		Read-write	None
	Determines if the mediasec parameter is supported or not, as defined in the draft-dawes-sipcore-mediasec-parameter IETF draft. • Disable: The media security agreement mechanism is not supported. • Enable: The media security agreement mechanism is supported and used accordingly to section 6.1, 6.2, and 6.5 of the mediasec parameter IETF draft. Once enabled, this parameter adds security headers to the SIP signalling to agree upon the security mechanism to be used for the media, i.e. SRTP with SDES. Some environments require this parameter to be enabled to support SRTP calls, in which case: • the **Mipt.DefaultSecurityRtpMode** parameter should be configured to "Secure" or "SecureWithFallback"; and • the **Mipt.DefaultSecurityKeyManagement** parameter to "Sdes".		
X_0090F8_SipEp.RtcpXr.		Present	N/A
	RTCP XR events Group.		
DefaultStaticRtcpXrCollectorUri		Read-write	None

Name	Access	Notification
Define the URI for the Request-URI of the collector server that will receive RTCP XR voice quality reports. The reports are sent through a SIP PUBLISH with an 'vq-rtcpxr' event, as defined in RFC 6035. A report is usually sent at the end of a call, and may also be sent periodically if the **DefaultRtcpXrPeriodicReportsInterval** parameter is defined. When empty, the publication of RTCP XR reports is disabled. Valid SIP URI examples: • sip:alice@example.com:5070 • sip:alice@example.com • sip:example.com If a specific configuration is set in the **GwSpecificRtcpXr.CollectorUri** parameter and the **GwSpecificRtcpXr.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
DefaultRtcpXrPeriodicReportsInterval	Read-write	None
Configures the interval on which the periodic RTCP XR report are sent. A value of 0 disables the periodic interval report. This value is expressed in minutes (min). If a specific configuration is set in the **GwSpecificRtcpXr.PeriodicReportsInterval** parameter and the **GwSpecificRtcpXr.EnableConfig** parameter is set to 'Enable', then it overrides the current default configuration.		
LocalGroup	Read-write	None
Defines the LocalGroup sent in the RTCP XR report. An empty value removes the LocalGroup from the RTCP XR report.		
RemoteGroup	Read-write	None
Defines the RemoteGroup sent in the RTCP XR report. An empty value removes the RemoteGroup from the RTCP XR report.		
X_0090F8_SipEp.Interop.	Present	N/A
Interop Group.		
InteropSend183WithSdpBefore180WithoutSdp	Read-write	None

Name	Access	Notification
This parameter specifies if the system must send a 183 with SDP before sending a 180 without SDP. • Disable: Do not send a 183 with SDP before a 180 without SDP. • Enable: Send a 183 with SDP before sending a 180 without SDP. Even if the 183 with SDP completes the media negotiation, the system will start sending media only after sending the 200 OK. Enabling this parameter may improve interoperability with VoLTE endpoints. This parameter has an effect only when: • the **UasPrackSupport** parameter is set to 'supported', • the received SIP INVITE contains SDP and a '100rel' option-tag header (i.e. PRACK), and • the call destination is an FXS endpoint.		

Service TelIf

Name	Access	Notification
X_0090F8_TelIf.	Present	N/A
The Telephony Interface (TelIf) service manages tone generation and detection on the telephony interfaces.		
CountrySelection	Read-write	None
The country selection allows to select predefined country settings for the tone profiles, ring patterns, and other parameters such as input and output gains.		
X_0090F8_TelIf.CountryCustomization.	Present	N/A
Country Customisation.		
X_0090F8_TelIf.CountryCustomization.CountryCustomizationT	Present	N/A
Country Customisation Tone.		
CountryToneStatus.{i}.	Present	N/A

Name		Access	Notification
	This table displays the current tone pattern used (depends on the **CountrySelection** parameter and the **CountryCustomizationTone** table). The configuration applies to all interfaces.		
Tone		Read-only	None
	Tone.		
Pattern		Read-only	None
	Pattern description of the currently used tone. See the **CountryCustomizationTone.Pattern** parameter for a description of the syntax.		
CountryCustomizationTone.{i}.		Present	N/A
	This table allows to override the default country tone configuration. The configuration applies to all interfaces.		
Tone		Read-only	None
	Tone to customise.		
Override		Read-write	None
	Allows to override the default country tone setting. • Disable: The unit uses the default country dialing setting. • Enable: The unit uses the tone configuration as defined in the **Pattern** parameter.		
Pattern		Read-write	None

Name		Access	Notification
	Describes a tone pattern. A tone description contains frequencies, states and loops. Up to 4 frequencies (f1 to f4) each with a power level can be defined. At least one frequency/power pair must be defined. Frequency range is from 10 to 4000 Hz and Power level range is from -99 to 3 dbm. The syntax is: f1=<frequency>:<power> Up to 8 states (s1 to s8) can be defined, each with an action, a set of frequencies, a duration and a next state. At least one state must be described if the tone-pattern is not empty. The action can be 'on', 'off' or 'CID' (for call waiting tones). The duration of the state is from 10 to 56000 ms. The tone is continuous if no time is specified. The syntax is: s1=<action>:<frequency>:...:<frequency>:<duration>:<end-of-loop-indicator>:<next state> Additionally, a set of states can be enclosed in a loop. The starting state of a loop is marked with a loop counter (l=), the range is from 2 to 128. The ending state of a loop is marked with an end-of-loop indicator (l). The syntax is: l=<loop count>,<state definition>,...,<state definition (with end-of-loop-indicator)>,<state definition>... Examples: • Germany dialtone (continuous): 'f1=350:-17,f2=440:-17,s1=on:f1:f2' • North America Recall dialtone (3 quick tones followed by a continuous tone): 'f1=350:-17,f2=440:-17,l=3,s1=on:f1:f2:100:s2,s2=off:100:l:s1,s3=on:f1:f2' • Australia ring back tone (on 400ms, off 200 ms, on 400 ms and off 2000 ms and replay): 'f1=425:-17,f2=400:-5,f3=450:-5,s1=on:f1:f2:f3:400:s2,s2=off:200:s3,s3=on:f1:f2:f3:400:s4,s4=c Only two frequencies can be used by the Call Waiting tone.		

Special Consideration for TR-104 Parameters

Some parameters under VoiceService tree requires some parameters to be configured in a defined way to work. The default values of the Mediatrix profiles interfere with TR-104 functionality. Here is a table that summarizes what needs to be configured for each parameter.

Device.Services.VoiceService.{i}.[3]	{i} is limited to '1' in current implementation.
Device.Services.VoiceService.{i}.VoiceProfile.{i}.	Both {i}s are limited to 1 in current implementation.
Device.Services.VoiceService.{i}.VoiceProfile.{i}.Line.{i}.	The **Line.{i}** starts from 1 up to the number of ports on the device, also represented by the **VoiceService.{i}.Capabilities.MaxLineCount** parameter.
Device.Services.VoiceService.{i}.VoiceProfile.{i}.Line.{i}.SIP.	
AuthUserName / AuthPassword	The realm must be manually set or disabled.
URI	Setting the **CRout.AutoRoutingCriteriaType** to 'SipUsername' for auto routing might be required to work with the proper SIP URIs received in INVITE. **SipEp.UserAgent[].Register** MUST be set to 'Enable' if registration is required. This can not be enabled by TR-104 parameters (but can be by a configuration script).

[3] *This object and its parameters are only available if the TR-104 option is enabled.*

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