

Release Note of M3s, M5s, M7s, M7s Pro and M8 SIP Desk Phone

This document is the technical Release Notes for M3s, M5s, M7s, M7s Pro and M8 SIP Desk Phone.

Revision History

Edition 1: April 30, 2026

Edition 2: July 29, 2026

Edition 3: October 9, 2026

Creation for Myriad series R170 first release

Update for 2.17.40

Update for 2.17.42

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1 Overview

M3s, M5s, M7s, M7s Pro and M8 SIP Desk Phone are called Myriad series SIP phones which are aimed to deploy mainly with non-ALE SIP servers (to deploy with OXE, please refer to DSPP report).

This document provides the technical release notes of release R170 for M3s, M5s, M7s, M7s Pro and M8 SIP Desk Phone.

Ed.03: This Release Notes is about version 2.17.42:

- [Bug fixing](#)

Ed.02: This Release Notes is about version 2.17.40:

- New features
- Bug fixing

Ed.01: The first edition of the Release Notes is about:

- R170 first version: 2.17.35 new features
- Bug fixing

For information about last release R160, please check TC3174 below:

- [Link for Salesforce users](#)
- [Link for MyPortal users](#)

2 SW Version Details

2.1 Version **2.17.42**

2.1.1 Bugs corrected in version **2.17.42**

CR	SR	Headline
CRPGSIP-1292		Phone loses VLAN configuration after two times reboot in DHCP mode
CRPGSIP-1282		DHCP loops if received new DHCP offer still include VLAN ID in DHCP AVA process
CRPGSIP-1276	879007	Intermittent Call Quality Degradation with Vibrating Audio
CRPGSIP-1272	875133	The M3s resets itself to factory settings after being placed in the "voice" vlan-60 if MAC address 48:7a:55:xx:xx:xx
CRPGSIP-1271	879331	Transfer not working on M3 5 and 7 with speed dial and supervision keys
CRPGSIP-1269	879924	Line Supervision via BLF key is not working
CRPGSIP-1264		After phone reset to factory, the paired BT headset is kept on the phone

2.2 Version **2.17.40**

2.2.1 New features

This new SW branch/release delivers new features:

- USB Relay Box support
- TLS 1.3 Support
- Optimization on dot1x client certificate selection
- Add fields to the 180 Ringing messages of M7s and M8 SIP deskphones
- Add horizontal layout support on programming key
- Support call identification display from Contact header
- Improve Multiline management behavior
- Add Call-info presence in SIP Invite
- Improve deletion of programmable keys
- Configure only 2 keys (1 and 2) by default instead of 3

Detailed description of some features:

- **TLS 1.3 support**
 - 802.1x: Support in MMI and configuration file

	DeviceNetwork8021xTlsVersion: DeviceWifi[X]8021xTlsVersion: allowed value : 0 - TLS negotiation(TLS1.2, TLS1.1, TLS1.0) allowed value : 1 - TLS1.0 allowed value : 2 - TLS1.2 allowed value : 3 - TLS1.3
---	--

○ SIP TLS: Support in WBM and configuration file

	SIPTlsVersion: allowed value : 0 - TLS negotiation(TLS1.2, TLS1.1, TLS1.0) allowed value : 1 - TLS1.0 allowed value : 2 - TLS1.2 allowed value : 3 - TLS1.3
---	--

● **Optimization on dot1x client certificate selection**

A new optimization added to add the support of the customer certificate to be used for dot1x.

It supports three types of certificates:

1. Dot1x's specific one, used for dot1x only
2. Customer certificate, through config file download, SCEP
3. Device certificate, embedded in the phone by default

To support it, a new setting added:

- Parameter Name: DeviceNetwork8021xClientCert
- Parameter Type: CHOICE
- 0(default): Dot1x specific certificate preferred.

Note:

dot1x specific certificate > customer certificate > device certificate

If no dot1x specific certificate, try the customer certificate; If no customer certificate also, choose the device certificate

- 1: Customer certificate preferred

Note: If no customer certificate, choose the device certificate instead

- 2: Device certificate
- Description: It configures which certificate to be preferred for dot1x TLS authentication

● **Add horizontal layout support on programming key**

A new parameter defined for it:

Name: ProgramKeyLayout

- Type: CHOICE[0,1]
 - 0(default): Vertical
 - 1: Horizontal
- Require Reboot: Yes, it needs to reboot to take effect after changing this value.

Note: limitation

Under the vertical rule, program softkey 5 is defined as Headset.

Under the horizontal rule, however, program softkey 2 is already occupied by account 2 by default, so Headset will no longer be assigned.

2.2.2 Bugs corrected in version **2.17.40**

CR	SR	Headline
CRPGSIP-1260		Upgrade OpenSSH to version 10.4 to avoid vulnerability risk
CRPGSIP-1259		After completing the consultation transfer test, the test device only processed one call's PUBLISH message.
CRPGSIP-1258		Sometimes DUT fails to download the configuration file properly through PNP after it is powered on
CRPGSIP-1252		Enhancement on MMI crash (after received the notify message with check-sync; reboot=true)
CRPGSIP-1251		Changing the default type of program key 3 to not used
CRPGSIP-1249		Restoring to factory settings caused database disorder
CRPGSIP-1247		Headset program key appeared after setting the related key type back to not used type on Myriad phones
CRPGSIP-1246	871751	Unsatisfactory management of supervisory key provisioning
CRPGSIP-1245		[Optimization]Need to do provisioning before rebooting when receiving "check-sync;reboot=true"
CRPGSIP-1242		DUT should send subscribe when add/delete blflist key
CRPGSIP-1241		CDP optimization to not in promiscuous mode
CRPGSIP-1237		Cannot search for a contact in NAB
CRPGSIP-1236		Translation Issue during NAB search
CRPGSIP-1234	860071	MYRIAD: Programmable key 'Forward' not working well
CRPGSIP-1221		meeting SettingsManager database error
CRPGSIP-1219		Incorrect DNS A query after firmware upgrade to 3530 via GUI, and missing HTTP GET for tftp.ims.vodafone.it
CRPGSIP-1216	867413	M-Series Telephone Call Forward Key Operation
CRPGSIP-1213		No voice path between two parties after transfer, when they are in conference with ALE-2/3
CRPGSIP-1212		Sometimes, when disconnect the mobile phone from the phone, it displays "Device successfully removed".
CRPGSIP-1211		No matter which line is selected for NAB, the DUT always initiates the call using Line 1
CRPGSIP-1208		Security enhancement: CVE-2026-43437, ALSA related
CRPGSIP-1206		Exporting user access permit related parameters also in the exported config file
CRPGSIP-1194		Call parking keys are not working on the M8 phone when there are two active calls.
CRPGSIP-1193		The new binary of the Myriad SIP devices not working properly.
CRPGSIP-1192	862326	M8 Forced Headset mode not working properly causing issues

CR	SR	Headline
CRPGSIP-1188	862873	ALE-2/3: missing SCEP information in the getlogs
CRPGSIP-1187	862877	ALE-3 SCEP does not work
CRPGSIP-1186	861980	ALE-3 get in quarantine after a factory reset
CRPGSIP-1184		Enhancement: Vulnerabilities in cURL
CRPGSIP-1180	859671	LED associated to the "immediate forward" key doesn't reflect the forward status
CRPGSIP-1055		H3G/M3s needs long time to restart after upgrading

2.3 Version **2.17.35**

2.3.1 New features

This new SW branch/release delivers new features:

- **Linux kernel upgrade to 5.10**
- **Support config provisioning & firmware upgrading during power on phase**
- **support settings to lock volume keys**
- **Not interrupt the dialing operation when there is an incoming call**
- **All line keys can be used as programable key**
- **IPv6 single stack mode support**
- **XML browser support (step 2)**
- **Support cleaning all resource files through autop way**
- **AD5x headsets support**
- **Customer client certificate support in WBM**
- **Support information LED controlling**
- **User Access Enhancement add the support of user management**
- **Support 4K Certificate in M8**

Detailed description of some features:

- **Support settings to lock volume keys**
Limit the ringing volume range by setting parameters 'SettingRingVolumeMin'
H3G/H6/ M3s/M5s/M7s/M7s Pro value: [0,9]
M8 value: [0,16]
- **All line keys can be used as programable key**
It's supported the line key used as page function can be programmable
Adding a new parameter "SettingReusePageKeyEnable"

- true: Be able to reuse the page line key
No page key if only configuring the first page.
Having page key if configuring the other pages besides the first page
- false (default value): Keep it as currently, reserved and only be used as page key.
- **XML browser support (step 2, three remaining objects support)**
 - Directory Object: Used to manage contact
The Directory Object enables users to browse the online address book in real time and supports direct calling upon selection.
 - Configuration Object: Use to manage configuration of phone.
The Configuration Object is used to dynamically modify the configuration of the phone.
 - Execute Object: Used to execute a sequence of local commands using URIs
The Execute object allows an external application to ask the phone to execute a sequence of local commands using URIs. The phone will execute each specified command in order.
Such as: set LED status, dial number, reset, clear list, key event....
- **Customer client certificate support in WBM**

Certificate Management

Upload Customer Certificate

Current Certificate:

No Certificate

Certificate Upload(*.p12/pfx):

Select

Upload

?

Password :

- **Support information LED controlling**
This feature provides a way to disable the light of information LED when there is missed call / incoming call / unregistered status
SettingInfoLedEnable
 - SettingInfoLedMissedCallEnable
 - SettingInfoLedCallEnable
 - SettingInfoLedRegEnable

Type	Default Value	Description
SettingInfoLedEnable	TRUE	It enables or disables information LED. When it's "false", the other three parameters(SetttingInfoLedMissedCallEnable/SetttingInfoLedRingEnable/SetttingInfoLedRegEnable) would take effect separately
SettingInfoLedMissedCallEnable	FALSE	It enables or disables information LED when there is missed call
SettingInfoLedCallEnable	FALSE	It enables or disables information LED when in call

		state, including incoming call, outgoing call and conversation
SettingInfoLedRegEnable	FALSE	It enables or disables information LED when the phone is in unregistered state

2.3.2 Bugs corrected in version **2.17.35**

CR	SR	Headline
CRPGSIP-1177		Add a new parameter to control the local RTP selection for the response to incoming call
CRPGSIP-1176		When 6 EM200 are connected to M8/M7S Pro, only 5 of them work correctly
CRPGSIP-1174		The delay setting should be hidden in "No Answer" call forwarding settings on the SIP desk phone
CRPGSIP-1172		Enlarge the range and default value of parameter "FeatureRingBackTimeout"
CRPGSIP-1167		Support to place a call from the call history by using a different line in multiple lines scenario
CRPGSIP-1165		EM200 change status notification for BLF on page 2 or more
CRPGSIP-1164		Aggregation of the parameters in the WEB GUI for the SUBSCRIBE
CRPGSIP-1162		DNS2 received by DHCP offer doesn't take effect in real network process
CRPGSIP-1161		SIPTimerT1 cannot work when set Account1RegisterRenewalIntervalProportion=0
CRPGSIP-1159		When exporting the configuration, some parameter data will be lost
CRPGSIP-1154		CVE-2022-28391: BusyBox Remote Code Execution Vulnerability
CRPGSIP-1151		CVE-2024-56171: libxml2 before 2.12.10 and 2.13.x before 2.13.6 has a use-after-free in xmlSchem
CRPGSIP-1148		CVE-2019-15167: The VRRP parser in tcpdump before 4.9.3 has a buffer over-read in print-vrrp.c
CRPGSIP-1147		CVE-2017-10685: In ncurses 6.0, there is a format string vulnerability in the fmt_entry function
CRPGSIP-1146		CVE-2017-10684: In ncurses 6.0, there is a stack-based buffer overflow in the fmt_entry function
CRPGSIP-1145		CVE-2022-29155: In OpenLDAP 2.x before 2.5.12 and 2.6.x before 2.6.2, SQL injection vulnerability
CRPGSIP-1144		CVE-2021-46848: GNU Libtasn1 before 4.19.0 has an ETYPE_OK off-by-one array size check
CRPGSIP-1142		CVE-2023-45853: MiniZip in zlib through 1.3 has an integer overflow
CRPGSIP-1141		CVE-2022-0547: OpenVPN 2.1 until v2.4.12 and v2.5.6 may enable authentication bypass in externa
CRPGSIP-1140		CVE-2024-27903: OpenVPN plug-ins on Windows with OpenVPN 2.6.9

CR	SR	Headline
CRPGSIP-1139		CVE-2019-12900: BZ2_decompress in decompress.c in bzip2 through 1.0.6 has an out-of-bounds write
CRPGSIP-1138		CVE-2022-37434: zlib through 1.2.12 has a heap-based buffer over-read or buffer overflow
CRPGSIP-1137		CVE-2017-12562: Heap-based Buffer Overflow in the psf_binheader_writef function in common.c
CRPGSIP-1136		CVE-2022-1587: An out-of-bounds read vulnerability was discovered in the PCRE2 library
CRPGSIP-1135		CVE-2022-1586: An out-of-bounds read vulnerability in the PCRE2 library
CRPGSIP-1131		Need to lock program keys of phone and EM200 separately
CRPGSIP-1130		Change to enable 802.1x authentication by default
CRPGSIP-1128		Improvement on vulnerabilities in OpenSSL
CRPGSIP-1127		Improvement on vulnerabilities in cURL
CRPGSIP-1116		Adding the support PEM format for client certificate uploading in WBM
CRPGSIP-1113	849816	802.1x authentication fails
CRPGSIP-1112	849798	error messages during SCEP
CRPGSIP-1106		Local DNS cannot work with IPv6 mode
CRPGSIP-1101		Improvement on vulnerabilities in the GLib2 library before 2.66.8 on Linux
CRPGSIP-1035		AD1 + AD52, USB connect Pegasus phone, volume sync is not smooth.

3 Software Download

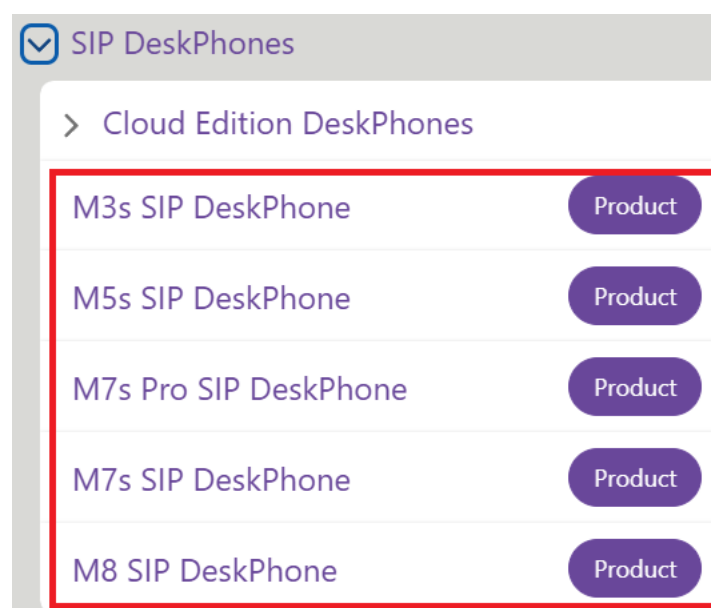
3.1 Location on MyPortal

Note M3s, M5s, M7s and M7s Pro use the same software binary; M8 use different binary than M3s, M5s, M7s and M7s Pro.

The SIP software version of M3s, M5s, M7s, M7s Pro and M8 phone can be downloaded from MyPortal, in the Software section:

- Link to M3s for Salesforce users: <https://al-enterprise.lightning.force.com/a6fSZ0000006CjFYAU>
- Link to M3s for MyPortal users: <https://myportal.al-enterprise.com/a6fSZ0000006CjFYAU>
-
- Link to M5s for Salesforce users: <https://al-enterprise.lightning.force.com/a6fSZ0000006CkrYAE>
- Link to M5s for MyPortal users: <https://myportal.al-enterprise.com/a6fSZ0000006CkrYAE>
-
- Link to M7s for Salesforce users: <https://al-enterprise.lightning.force.com/a6fSZ0000006CmTYAU>
- Link to M7s for MyPortal users: <https://myportal.al-enterprise.com/a6fSZ0000006CmTYAU>
-
- Link to M7s Pro for Salesforce users: <https://al-enterprise.lightning.force.com/a6fSZ0000006Co5YAE>
- Link to M7s Pro for MyPortal users: <https://myportal.al-enterprise.com/a6fSZ0000006Co5YAE>
-
- Link to M8 for Salesforce users: <https://al-enterprise.lightning.force.com/a6f5I000000PDWoQAO>
- Link to M8 for MyPortal users: <https://myportal.al-enterprise.com/a6f5I000000PDWoQAO>

You can also reach the M3s, M5s, M7s, M7s Pro and M8 pages, navigating in the [MyPortal Portfolio Explorer](#) > Explore Products > Communication Products > Phones Softphones and Devices > SIP DeskPhones:



3.2 Version Numbering

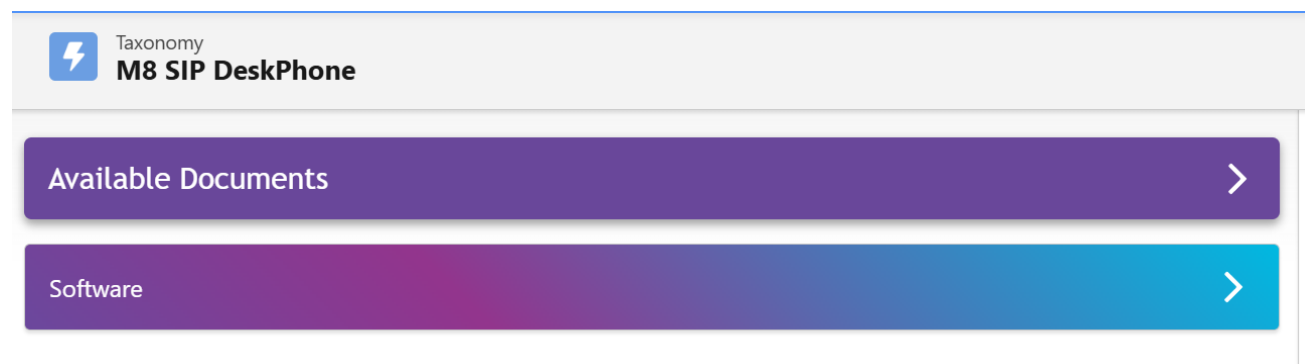
For M3s, M5s, M7s, M7s Pro and M8 phone software versions are numbered like 2.RR.AB, example **2.17.35**

- RR: Release / SW branch (**17 means R170**)
- AB: increment for official deliveries inside a release

4 Related Documents

4.1 MyPortal Product Pages (Taxonomy)

Salesforce/MyPortal Product page gives access to technical documents (section "Available Documents") and software files (section "Software") related to the products.



4.2 Datasheet

Short document providing the list of product main features, technical specifications, and supported accessories.

M3s SIP DeskPhone - Datasheet

- Link for Salesforce users: <https://al-enterprise.lightning.force.com/a4FSZ00000eD4x42AC>
- Link for MyPortal users: <https://myportal.al-enterprise.com/a4FSZ00000eD4x42AC>

M5s SIP DeskPhone - Datasheet

- Link for Salesforce users: <https://al-enterprise.lightning.force.com/a4FSZ00000eD91n2AC>
- Link for MyPortal users: <https://myportal.al-enterprise.com/a4FSZ00000eD91n2AC>

M7s SIP DeskPhone - Datasheet

- Link for Salesforce users: <https://al-enterprise.lightning.force.com/a4FSZ00000eD2Jv2AK>
- Link for MyPortal users: <https://myportal.al-enterprise.com/a4FSZ00000eD2Jv2AK>

M7s Pro SIP DeskPhone - Datasheet

- Link for Salesforce users: <https://al-enterprise.lightning.force.com/a4FSZ00000eD1EY2A0>
- Link for MyPortal users: <https://myportal.al-enterprise.com/a4FSZ00000eD1EY2A0>

M8 SIP DeskPhone - Datasheet

- Link for Salesforce users: <https://al-enterprise.lightning.force.com/a4FSZ000008gCI52AE>
- Link for MyPortal users: <https://myportal.al-enterprise.com/a4FSZ000008gCI52AE>

4.3 User Manual

M3s, M5s, M7s and M7s Pro share the same user manual.

M3s, M5s, M7s and M7s Pro- User manual

- Link for Salesforce users: <https://al-enterprise.lightning.force.com/a4FSZ00000dwUgf2AE>
- Link for MyPortal users: <https://myportal.al-enterprise.com/a4FSZ00000dwUgf2AE>

M8- User manual

- Link for Salesforce users: <https://al-enterprise.lightning.force.com/a4FSZ00000FV7d02AD>
- Link for MyPortal users: <https://myportal.al-enterprise.com/a4FSZ00000FV7d02AD>

4.4 Administration manual and Troubleshooting Guide

M3s, M5s, M7s, M7s Pro and M8 administration manual

- Link for Salesforce users: <https://al-enterprise.lightning.force.com/a4FSZ00000Mjiy22AB>
- Link for MyPortal users: <https://myportal.al-enterprise.com/a4FSZ00000Mjiy22AB>

M3s, M5s, M7s, M7s Pro and M8 troubleshooting guide

- Link for Salesforce users: <https://al-enterprise.lightning.force.com/a4FSZ00000Nbu1M2AR>
- Link for MyPortal users: <https://myportal.al-enterprise.com/a4FSZ00000Nbu1M2AR>

4.5 Technical Communications (TC) – Release Notes

TC3158: R150 Release Note for M3s, M5s, M7s, M7s Pro and M8

- Link for Salesforce users: <https://al-enterprise.lightning.force.com/a4FSZ00000eD09x2AC>
- Link for MyPortal users: <https://myportal.al-enterprise.com/a4FSZ00000eD09x2AC>

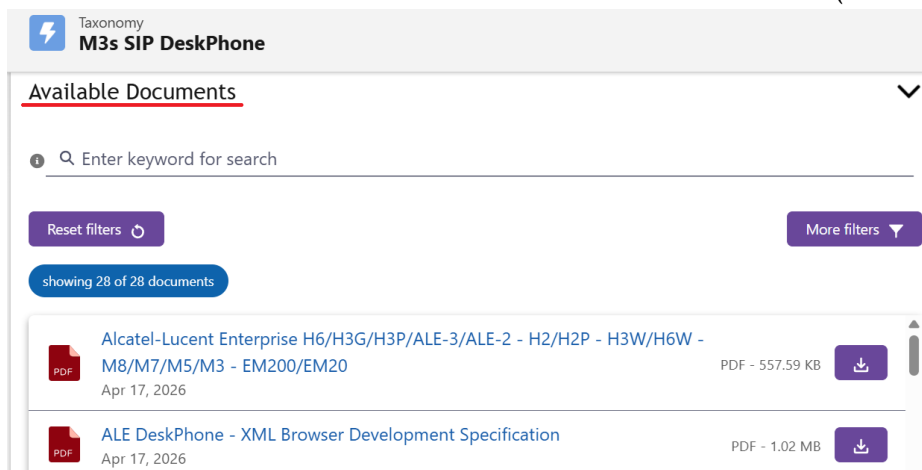
TC3174: R160 Release Note for M3s, M5s, M7s, M7s Pro and M8

- Link for Salesforce users: <https://al-enterprise.lightning.force.com/a4FSZ00000q5pDf2AI>
- Link for MyPortal users: <https://myportal.al-enterprise.com/a4FSZ00000q5pDf2AI>

5 Technical Support

Before submitting a Service Request about this product, make sure that:

- You have completely read this Product Release Notes which lists new features available, system requirements, deployment constraints, restrictions, etc.,
- You have read the Technical Documentation, Troubleshooting Guides, Technical Bulletins about this product, which are available in the section “Available Documents” of the Product (see image below),



- You have searched in the Technical Knowledge Center, Articles about this Product like commonly asked support questions, known issues and workarounds,
- In case a Third-Party product/application is involved, that product/application has been certified via [DSPP](#) (Developer & Solution Partner Program),

Note

Certification programs are available on MyPortal at location:

[My Portal](#) → Explore Services → Training & Certification Services → Certification

Note

If you need to return a defective phone and handset:

[My Portal](#) → Quick Access → ebuy hardware support

6 Glossary

BP	Business Partner
CAS	Channel Associated Signaling
CCS	Common Channel Signaling
CLIR	Calling Line Identification Restriction
CTI	Computer Telephony Integration
DHCP	Dynamic Host Control Protocol
DM	Device Management
DSPP	Developer and Solution Partner Program
DTD	Document Type Definition
DTMF	Dual Tone Multi Frequency
EDS	Easy Deployment Server
FQDN	Fully Qualified Domain Name
FW	Firmware
GUI	Graphical User Interface
HD	High Definition
http/https	Hyper-Text Transfer Protocol / Hyper-Text Transfer Protocol Secured
HW	Hardware
IM	Instant Messaging
IMAP	Internet Message Access Protocol
IP	Internet Protocol
IVR	Interactive Voice Response
IWR	InterWorking Report (test result document managed by DSPP to prove interoperability with external applications), available in the Enterprise Business Portal (Customer Support > Technical Support > Application Partner Interworking Reports)
LAN	Local Area Network
LDAP/LDAPS	Lightweight Directory Access Protocol
MMI	Man-Machine Interface
MWI	Message Waiting Indicator
N/A	Not Available
NL	No Limit
NR	Not Relevant
OT	OpenTouch
OS	Operating System
OXE	OmniPCX Enterprise Communication Server
OXO	OmniPCX Office Communication Server
PC	Personal Computer
PiP	Picture in Picture

PKI	Public Key Infrastructure
PoE	Power over Ethernet
PSTN	Public Switched Telephone Network
QoS	Quality of Service
RFC	Request For Comments
RTCP	Real Time Control Protocol
RTP	Real Time Protocol
SDK	Software Development Kit
SIP	Session Initiation Protocol
SMS	Short Message Service
SSL	Socket Secure Layer
SW	Software
TDL	Technical Documentation Library
TOS	Type Of Service
TSE	Terminal Server
TUI	Telephone User Interface (see Voice access)
UC	Unified Communications
UDA	Unified Directory Access
UI	User Interface
UM	User Manual
USB	Universal Serial Bus
VM	Voice Mail
VoIP	Voice over IP
VPN	Virtual Private Network

Submitting a Service Request

Please connect to our [eService Request](#) application.

Before submitting a Service Request, please be sure:

- The application has been certified via the AAPP if a third party application is involved.
- You have read the release notes that list new features, system requirements, restrictions, and more, and are available in the [Technical Documentation Library](#).
- You have read through the related troubleshooting guides and technical bulletins available in the [Technical Documentation Library](#).
- You have read through the self-service information on commonly asked support questions and known issues and workarounds available in the [Technical Knowledge Center](#).