



Release Notes

Release Notes Version: V11.10

Product Name: OpenScape Desk Phone CP SIP

Product Version: V1

Software Release is identified by **Version: V1 R7.8.0**

Major Release Minor Release Fix Release Hotfix Release

Production Version:

File type	File name	Size	SHA-256
Image	CP_400_SIP_V1_R7_8_0.img	42,5 MB	84A1C5490472F0BEE2D68443C92ADA9064E504FF3D7D587865B901D168F9823E
Image	CP_600_SIP_V1_R7_8_0.img	42,5 MB	84A1C5490472F0BEE2D68443C92ADA9064E504FF3D7D587865B901D168F9823E
Image	CP_600E_SIP_V1_R7_8_0.img	42,5 MB	84A1C5490472F0BEE2D68443C92ADA9064E504FF3D7D587865B901D168F9823E
Image	CP20X_SIP_V1_R7_8_0.img	22,0 MB	7DBC935E8F420DF31EA1EEC3DF91FF269B073E6BD1E81AD498704B62DA259E85
Image	CP_100_SIP_V1_R7_8_0.img	21,8 MB	A163BCCF94BCBA2A5778275E7087B9180FA907666D69B023BD BC78A841BB22D5

Export Control Classification Data AL: N ECCN: 5D002ENC3

Notice:

This document contains confidential information that is proprietary to Unify Software and Solutions GmbH & Co. KG. No part of its contents may be used, copied, disclosed, or conveyed to any party in any manner whatsoever without prior consent.

DECLARATION DATE: Date : 2020-06-26

DELIVERABLES: Full Release: Delta Release:

Copyright © Unify Software and Solutions GmbH & Co. KG, 2020
Otto-Hahn-Ring 6, 81739 Munich, Germany
All rights reserved.

The information provided in this document contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract. Availability and technical specifications are subject to change without notice.

Unify, OpenScape, OpenStage and HiPath are registered trademarks of Unify Software and Solutions GmbH & Co. KG. All other company, brand, product and service names are trademarks or registered trademarks of their respective holders.

Table of Contents

1	HISTORY OF CHANGE	3
1.1	RELEASE NOTES HISTORY	3
1.2	PRODUCT VERSION HISTORY	3
2	IMPORTANT INFORMATION	4
2.1	INSTALLATION	4
2.2	UPGRADE / UPDATE	4
2.3	LIST OF ERROR CODES	4
2.4	SECURITY CONSIDERATIONS	4
3	REPORTED PROBLEMS / SYMPTOMS UNDER ANALYSIS	5
4	RESTRICTIONS, WORKAROUNDS AND HINTS	5
4.1	RESTRICTIONS	5
4.1.1	<i>General information</i>	5
4.1.2	<i>Hints / New or changed restrictions for this current SW Release</i>	5
4.1.3	<i>Restrictions for this Product-Version</i>	6
4.2	WORKAROUNDS / HINTS	6
4.2.1	<i>New Workarounds / Hints (CP Phone Related)</i>	9
4.2.1.1	General:	9
4.2.1.2	CP400/600X:	9
4.2.1.3	CP20X:	10
5	CHANGES	11
5.1.1	<i>Implemented change requests</i>	11
5.2	RESOLVED REPORTED PROBLEMS/SYMPTOMS IN V1 R7.7.0	15
5.3	RESOLVED REPORTED PROBLEMS/SYMPTOMS IN V1 R7.8.0	15
6	HARDWARE AND SOFTWARE COMPATIBILITY	17
6.1	HARDWARE REVISIONS	17
6.2	COMPLIANT PRODUCTS (COMPATIBILITY MATRIX) ¹	17
7	SERVICE INFORMATION	18
7.1	MANAGEMENT INFORMATION BASE	18
7.2	LICENSE MANAGEMENT	18
8	DOCUMENTATION REFERENCE	18
9	ATTACHMENT	18

1 History of change

1.1 Release notes history

Version	Date	Changes
11.0	2020-01-10	EEQS / FT release note for SW release V1R7.1.0
11.1	2020-02-12	EEQS / FT release note for SW release V1R7.2.0 (CP100/CP20X only)
11.2	2020-02-12	Removed CP100 & CP20X from SW release V1R7.1.0
11.3	2020-02-28	M3 / GA release note for SW release V1R7.1.0 / V1R7.2.0
11.4	2020-03-09	Release note update for V1R7.4.0
11.5	2020-04-10	Release note update for V1R7.5.0
11.6	2020-04-28	Fix issues with the RN
11.7	2020-05-28	Release note update for V1R7.7.0
11.8	2020-06-15	Release note update for V1R7.8.50
11.9	2020-06-24	Release note update for V1R7.8.250
11.10	2020-06-26	Release note update for V1R7.8.0

1.2 Product version history

List of all released Software Versions since Major Software Release (M3), i.e. all Software Releases in PRISMA/SWS having been released within this Product version:

Software version (e.g. Vx.y] Rm.f.h)	Production version (e.g. APS)	Date	Remarks
V1 R7.1.0	V1R7	2020-01-10	FT release
V1R7.2.0	V1R7	2020-02-12	FT release
V1R7.1.0 / V1R7.2.0	V1R7	2020-02-28	M3 / GA release
V1R7.4.0	V1R7	2020-03-09	EEQS release
V1R7.5.0	V1R7	2020-04-10	EEQS release
V1R7.7.0	V1R7	2020-05-28	EEQS release
V1R7.8.50	V1R7	2020-06-15	Beta release for RingCentral
V1R7.8.250	V1R7	2020-06-24	Beta release for RingCentral
V1R7.8.0	V1R7	2020-06-26	EEQS release

2 Important Information

2.1 Installation

The V1R7.X application can be loaded with FTP or HTTPS to the phone, either through the local user interface or through the Web administration interface or by the DLS. For details about the upgrade procedure please refer to the administration manual.

Important information for the installation

- It is recommended to upgrade the phones during a low traffic time.
- The upgrade can take some minutes. (Power off in this situation will not destroys the phone)
- Please make sure that the FTP Server and Switch are configured with the same LAN Speed and Duplex Mode. Otherwise it is possible that the download of the Software will be interrupted and the upgrade failed.

2.2 Upgrade / Update

The SW is signed and will also only accept Signed SW. The Phone will care about configuration parameter (default true) and refuse further downloads of SW that is not signed. Any bind will then need to be signed. The configuration parameter needs to be changed if customer wants to install not signed SW like trace/test binds.

CP600 Downgrade:

FPK's configurations get lost if you downgrade from V1R2.X to V1R1/0 (recover if you upgrade to V1R2)

2.3 List of Error Codes

The information located in the following link should be used to find the List of Error Codes

http://wiki.unify.com/wiki/OpenStage_SIP_FAQ#List_of_error_codes

2.4 Security Considerations

The list of IP ports used by the phones is described in the IFMDB (Interface Management Database) in the Customer Support Portal.

3 Reported Problems / Symptoms under Analysis

GSI-flow Ticket	Summary	Workaround
NA16653289	CP200 - incorrect QoS Jitter values under WBM -> QoS reports	N/A
NA16604999	CP600 does not recognize first dialed 0 digit when in Energy saving mode	N/A
NA16616537	CP600 break off sporadically Bluetooth Headset connection	N/A

4 Restrictions, Workarounds and Hints

4.1 Restrictions

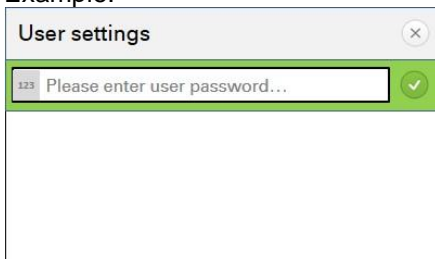
4.1.1 General information

It could be possible that a particular function on the phone is not available. This may be due to reasons that the communications platform does not support this function. Please contact your Unify sales partner for information on how to upgrade.

4.1.2 Hints / New or changed restrictions for this current SW Release

CANCEL option

The cancel option is now presented at the top of the screen instead of under the input field
Example:



DNS SRV Fallback

The configuration option "DNS-SRV fallback on re-register" is not released for OSV/4k environment

ARP cache Information

Each new cached ARP entry will have a starting timeout between 15 and 45 seconds.

Old entries are garbage collect every 60s.

The ARP entries are not periodically updated (If an IP packet is to be sent to an IP address that does not exist in the ARP table then an ARP request is sent and the ARP table updated with the reply). The intervals are fixed

"Bad certificate" failure for export contact (Chrome)

The Contact download will be cancel with "Bad certificate"

The basic problem is Chrome does not trust the WEBM certificates

Reason is a Bug in Chrome (937761 & 939297)

Firefox and IE working fine

CAPSLOCK and SHIFT (BT keyboard)

We follow the Linux handling of CAPSLOCK and SHIFT.

WBM Access

Side effects security hardening:

Please delete the cache of your browser if you have problems with the WBM.

You may also need to reset your IE.

Important BT compatibility note:

Factory reset is recommended in the following case:

SW downgrade from the bind V1R5.5.0 or higher to V1R4.X or lower

Reason: possible corruption of trusted/blacklisted BT devices

Firefox Limitation (TLS1.2)

It is not possible to connect to the WBM with Firefox if the WBM is configured to TLS 1.2 only

4.1.3 Restrictions for this Product-Version

- **ICE and DTLS-SRTP**
 - Feature is not supported (please check SRT Key mode is configured to SDES/MIKEY instead of DTLS-SDES)
- **Mobility**
 - Not released in conjunction with Circuit (Beta feature)
 - Cross MOB is not allowed (OpenStage / CP Phone)
- **Circuit**
 - Circuit is released as Beta feature only
 - the local conversation model is not more available in case of circuit integration
- **WBM Screensaver File upload**
 - Screensaver File upload size is limited to 300.000 KB
Bigger files could lead to serious mail functions in case of mobility

4.2 Workarounds / Hints

- **Headset and DeskPhone IP**

If headsets are used with DeskPhone IP then User-parameter Standard_Ringer/Open_listening should be set to US_mode

- **Session-Refresh**

SIP Session Timer	Session duration	
Enabled	90-3600	SessionRefresh activated, phone is offering to act as refresher (but other peer can claim to be the refresher)
Enabled	0	SessionRefresh activated, phone does not offer to be the refresher (but other peer can push the phone to be the refresher)
Disabled	any	SessionRefresh deactivated (no SessionRefresh handled by the phone – no Supported: timer header)

If the server-type is set to “OS Voice”, phone will always respond to an incoming session-refresh Re-INVITE according to OSCAR, no matter whether session-refresh is enabled or not.

- **Mutual authentication for HTTPS file transfer**

For security reasons the phone will not accept a TLS/SSL renegotiation. If mutual authentication is used against a Microsoft IIS, please check that SSLAlwaysNegoClientCert is enabled on IIS. For more information please refer to the Microsoft security bulletin MS10-049 <http://technet.microsoft.com/en-us/security/bulletin/MS10-049>

- **LAN Switch**

Device* phone is designed to be connected to a LAN switch. Therefore only use switches in the LAN to which the Device* is connected. An operation at hubs can cause serious malfunctions in the hub and in the whole network.

- **QDC**

Phones generate QDC reports according to QoS protocol version 1.

- **The web pages of the phone can be accessed using the following URL:**

[Error! Hyperlink reference not valid.](#)Ip address>

- The Device use 'OptilpPhone' as DHCP vendor class identifier. (for the management VLAN and for the voice VLAN)
- If remote tracing is used, the trace messages sent to the remote syslog server are not encrypted.
- For the 802.1x certificates there are some restrictions regarding the key size. The Phone certificate has a max key size of 2048 bytes. The radius and root CA certificates have a max key size of 4096 bytes.
- The Connectivity check must be enabled if you are using transport type TLS, recommended value for check interval is e.g. 90sec. For transport type TCP connectivity check should be set to 0sec (disabled). In special network-scenarios it may be useful to enable also TCP connectivity-check (see RQ00034880).
- The basic number of the phone is unavailable during the login period of a mobile user. Equivalent to this the mobile user is unavailable when logged out. It is recommended to use server based call forwarding features for mobile enabled devices and mobile users.
- **DDNS Name and mobility**
Base and mobile user should be configured with the same "automatic Hostname Type" if you are using the DDNS feature in conjunction with mobility.
- All default ringer files are included in the SW Bind (Ringer1-6.mp3, Harmonize.mp3); it is not allowed to deploy ringer files with the same wording like the default files.
- **Mobility**
The mobile user always gets the same set of default ringers after MOB logon.
- **SIP Backup Server**
Whenever a valid SIP backup server address is configured phone will open a port for listening/sending SIP packets to the backup server.
If the backup server is not needed in any case it is recommended to configure "0.0.0.0" at the backup server address to totally deactivate the dual-server capabilities.
- **Security(WBM) // SSL2 and SSL3**
By default, Unify products must configure their SSL/TLS software to Disable SSL2 (see also RFC 6176) and SSL 3.0 and enable only TLS 1.0 (SSL 3.1) and higher (Current defined standards are up to TLS 1.2)
- **NTP Server**
For correct time synchronization between phone and NTP server please use a synchronized timeserver. Otherwise the phone does not accept the transmitted time from the server
- **DHCP reuse in IPv6 environment**
The feature DHCP reuse in Ipv6 environment is not released.
Phone needs to be configured to ipv4 only if you want to use the feature.
- **PC Port**
When a PC is connected to the phone PC port, this port is down for a few seconds when the phone is booting.
The second LAN port is designed to connect a desktop PC. Tagged frames are not supported at the second LAN port.
Mirror Port configuration released for diagnose only
- **User PW**
Neither the User's telephone number nor display identity is allowed as part of a new password. Explicitly the following OCMS items are not allowed: 'e164', 'sip-name', 'display-id-unicode

- **Lead Zero (IPV4 Address)**

The use of a leading zero on an octet of an IPV4 address is not allowed. This can lead to a broken service (e.g. DLS, SIP Server, etc.)

- **Fixed forwarding**

Before changing the fixed forwarding key functionality to any other function than built-in forwarding admin needs to make sure no local forwarding has been activated for that user.

- **DNS**

DNS Caching is implemented for the SIP Server/Registrar/Gateway address only.

- **OpenStage Manager**

No support for OpenStage Manager

- **XML Interface (EA Cockpit,UC App)**

Not supported

- **Ipv6**

Stateless Address Auto configuration is not supported. Ipv6 is released project specific only.

- **Video**

Not supported

- **CP400 Paper label download**

An option for downloading key labelling xml (User menu / Phone / Program Keys) is not visible in Internet Explorer. This is working as designed.

- **Conversation / Mobility**

It can take up to one minute until the conversation list is fully synchronized internally. If changes are made to the conversation and MOB is triggered immediately afterwards, the old conversation list may be synchronized and the changes may be lost.

- **Certificate Key length**

The RSA public and private keys must be created using either 1024 bit or 2048 bit key length. Because of security enhancements Md5 certificates are not supported

- **Security Scan**

A security scan has a significantly impact on the performance of the device. Therefore we recommend starting security scan's only if the phone is in idle state. High sporadically it could be possible that the phone perform a self-restart because of an internal timeout. This behavior is correct and based on the internal software architecture of the device.

- **Loop Protection (Cisco switches)**

When the pc-port is used in conjunction with Cisco switches, it is strongly recommended to enable bpduguard switch wide using the command "spanning-tree portfast bpduguard default", or to disable "spanning-tree portfast" on all switchports

- **PW Expire after (days) configuration**

Please note that the date at which a password expires is re-calculated from the date of the last change to the password. Therefore the PW could be expired immediately after configuration change.

- **FTP file Transfer**

Phone does not allow special characters for FTP Transfer (original protocol)

- **QoS**

The L2 and L3 priority needs to match each other. Example configuration based on RFC 2474/2597

- **Primary Line FPK**

On CP600, "Line" FPK function can be programmed as Primary only on Keys 1 to 4 on Key Module 1. All other keys will prohibit Primary option for a Line function.

On CP400, "Line" FPK function can be programmed as Primary only on built-in keys 1 to 16 (Phone Keys). It is not possible to select Primary option on key modules
On CP200, "Line" FPK function can be programmed as Primary for all 4 built-in keys without any restriction.

- **SIP-TLS connection**

If the SIP-TLS connection is set as "Listening" then the current certificate that is used by the phone's web server is also used for the SIP listening port. By default the web server certificate has weak security and so the default web server certificate should be replaced with a more secure customer specific certificate (even if the web server or HPT will not be used)

- **Sidecar**

- 2 sidecars are supported on CP400
- 4 sidecars are supported on CP600

CP600 starting with 2 sidecars external power supply is necessary

- **Display Error (limited Service NTP)**

Since V1R2 the phone show an Error message as soon as NTP update fails.

In general most of the Phone features are not affected. You can use the normal in a normal way.

Solution: configure backup NTP server

- **HPT**

A dongle file is not more necessary to enable access for HPT interface

The HPT service level access is now protected by

1. CCE port must be enabled to allow access
2. A valid TLS connection must be established
3. A valid Admin password must be provided by the HPT

OpenScope DeskPhone CP periodical connection drops (TCP)

Important Service Information for our OpenScope Desk Phone CP SIP (all SIP versions) is available on G-DMS.

For more information go to <https://www.g-dms.com/>>>INF-17-000137>

Short Description:

An enabled connectivity check in combination with Transport Protocol TCP can lead to a periodical connection drop within the configured connectivity check timeframe.

4.2.1 New Workarounds / Hints (CP Phone Related)

4.2.1.1 General:

- **SIP-TLS connection**

If the SIP-TLS connection is set as "Listening" then the current certificate that is used by the phone's web server is also used for the SIP listening port. By default the web server certificate has weak security and so the default web server certificate should be replaced with a more secure customer specific certificate (even if the web server or HPT will not be used)

- **Signaling and payload performance (re-invite scenario)**

Based on the general SIP communication and internal process implementation, a delay can occur in re-invite scenarios with changed SDP information's (up to 400 milliseconds).

This behavior is working as designed. The end device needs a certain time to switch the payload stream.

4.2.1.2 CP400/600X:

- **Conversation**

Conversation matching requires that Canonical settings must be configured and must be correct. Failure to do this will result in misbehavior of the Conversation List.

- **Exchange**

The Exchange server will be handled as Master source. Changes on phone contacts/conversations will not be pushed to the Exchange Server.

- **Voicemail**

Voicemail operation depends on the configuration of the "Voicemail number" on the form: Admin/System/Features/Configuration/General.

If this item is empty, the Main Menu will not show the "Voicemail" item and the user will not see new voicemail indications.

- **Multi Line Hunt Group (MLHG) and DSS/Line Keys on the same device**

In case of the configuration MLHG and DSS/Line keys at the same device an optimized configuration is highly recommended:

- Deactivate name update source for LDAP & Signaling
- Deactivate 'Busy when Dialing'
- Set the visual alert of the DSS/Line key to 'FPK only'

4.2.1.3 CP20X:

- **Primary Line FPK**

On CP20X, "Line" FPK function can be programmed as Primary for all 4 built-in keys without any restriction.

- **FPK Call Log**

New FPK function "Call Log" should only be programmed on one FPK at any one time. Programming this function on more than one FPK at the same time will result in inconsistent LED indications.

- **FPK Directory**

New FPK function "Directory" should only be programmed on one FPK at any one time. Programming this function on more than one FPK at the same time will result in inconsistent LED indications.

- **FPK Directory**

New FPK Function "Directory" is the only way to see "mode-key" behavior for Phonebook on the CP200. Meaning that the only indication that the user sees to show they are looking at Personal or Corporate directory (apart from the screen contents) is the LED on the Directory FPK. If the Directory FPK is not programmed - it will still be possible to program either the "Personal" or "Corporate" (existing) FPK functions and these will still work, taking the user directly to the appropriate screen of the Phonebook application...but there will be no LED indication that the user is now in "Directory mode". The Key/LED behavior for the existing "Personal" or "Corporate" FPK functions will NOT be changed into a mode toggle/indicator.

So un-programming the "Directory" FPK is implicitly a statement of intent to either not use the Phonebook at all or to accept that there will be no mode toggle or indicator.

5 Changes

5.1.1 Implemented change requests

Feature	Details
V1R0	
Conversations	Introduction of the Conversation concept. Connected Calls List, Contacts (LDAP and Exchange) and Call log combines into single list of items on the DeskPhone Display.
Bluetooth	The new Bluetooth technology used in CP600 will contain the latest BT V4.1 standard with the low energy (LE) extensions and advanced feature set.
Exchange	Acquiring contacts on the phone from an Exchange server (e.g. Microsoft Outlook)
LDAP	Enhances LDAP functionality e.g.: Dynamic call related LDAP lookup. If number of a call is not found in the local conversation information, the phone will perform an LDAP search using the number and dynamically create conversation based on the LDAP search result.
My Features	The Features screen is intended to provide the status of currently available DSS (Direct Station Select) and Multiline/keyset lines when it is not possible to show such a status directly for a key that represents and controls the line (i.e. for WE4 without a KM).
V1R1	
Repertory dialing	Programming Repertory Dialing on the phone
uaCSTA	uaCSTA : Support for selecting a secondary line on a Keyset uaCSTA : AnswerCall to request bridging into a remote call uaCSTA : Support for DivertedEvent & CallInformationEvent for shared lines
Detailed call log	The Call screen and the Conversation screen contain a History option All calls related to the conversation that are available on the phone will be listed along with each calls event type (received, dialed etc.)
BLF	Busy lamp feature for Asterisk
Cloud	Deploy a new phone using Cloud deployment
LDAP	Phone automatically Filter LDAP search results without phone number on quick search
WBM	Delete individual slideshow files via WBM
WBM Paper label	On loading the phone keys configuration page (CP200 / CP400) or any of the Key module configuration pages (CP 400), the phone will create a Microsoft Word XML document including the label texts.
DHCP	Support of DHCP option 66
BT: Conference Unit Support	Conference units must be supported in the same was as on OpenStage
BT: Localization Client	Provide BT Localization client on CP600 phone
V1R2	
Send URL feature enhancement	you can now control Colors, Wink, Label Update und WakeUp
Extended favorites	Extended favorites to 12
LDAP	Get avatar picture from LDAP server (3 methods to be supported)
LDAP	LDAP template configuration in WBM
Bluetooth	iBeacon
Bluetooth	enhanced Proximity locking (SL5)
Bluetooth	Mobility for paired devices
Conversations	Mark all missed calls as read
Conversations	Easy switch between Call-Log and Circuit Conversation
Multiline	Support a non-Keyset phone being monitored by a DSS key
Screen	Return to Main Menu screen after configured timeout
NTP	Display error if NTP server is not available
NTP	Support of backup NTP Server
CP200	Support new LED colors
Audio	Reduce cut through delay
HPT	Enhanced HPT interface (no need to deploy a dongle file to the phone)
V1R3	
UI/Broadsoft	User sees BW Network Directories
UI/Broadsoft	Provide the four standard keys on second level too
UI/Broadsoft	Create two new Favorite keys (call log, network directory)
UI/Broadsoft	Favorites screen is available when Key Module is attached
UI/Broadsoft	All main CP types in Presence screen
UI/Broadsoft	Show forwarding icon on all forwarding types
UI/Broadsoft	Status indication when KM is not connected and no other visual indication is provided
UI/Broadsoft	Custom translation
UI/Broadsoft	Different Re-Registration Timer for SIP services
CP20X	Long-Press on FPK is used to access the second level function
JITC	JITC: Support by WE phones
CP205	Support of CP205 Hardware
LDAP	Permanent LDAP Lookup (If activated, an LDAP request is also sent for existing contacts)

Feature	Details
LDAP	No LDAP lookup for feature codes
Screen	The user can set the landing screen individually on CP400/600
Call recording	See and control Call Recording status during a call
DLS Secure Mode	DLS secure mode pin
V1R3.8.0	
	Legal information available from WEBM
UI/Broadsoft	Configure the visual alert for any incoming call rollover
UI/Broadsoft	allow call log/directory to function when FPK located on 2nd level
UI/Broadsoft	Configure ring count or delay for No Reply forwarding
UI/Broadsoft	sync with DMS after office hours only
UI	Show forwarding icon on all forwarding types
UI	Alternative numbers during outgoing call are represented by their type
Settings	Move the menu item "Landing screen" to the "Display" menu node in the local Settings menu and WBM
Settings	Settings: Improve "Idle screen" menu
Settings / UI	All main CF types in Presence screen
V1R3.8.10	
	Enhanced Hold reminder delay timer range
V1R4.5.0	
UI	Phone number type as icons To increase the overview, a corresponding icon is displayed for each call number type (mobile, basic, business)
multiline	Calls logging for second line In the conversation list calls which are answered via the secondary line are logged.
LDAP	Alphabetical sorting (LDAP) LDAP search results are displayed in alphabetical order
	Type-based alternative number display The alternative phone numbers are displayed type-based for an outgoing call
Conversation	Create new conversation (contact) The user can create an individual conversation (contact)
Audio	Group call volume (beep) The volume of the group call (beep) can be set individually by each user
Audio	Group call acoustic repetition The administrator can determine in which time frame the group call is repeated acoustically (from 0 to 30 seconds)
UI	Popup for secondary lines (idle) Incoming calls on the secondary line are signaled on the idle screen by an info popup. This popup contains who is calling and for which line the call is being made.
UI	Popup for secondary lines (active call) Incoming calls on the secondary line are signaled by an info popup in call status. This popup contains who is calling and for which line the call is being made.
UI	Popup at the end of the call At the end of the call, an info popup with call duration and subscriber is automatically displayed.
Settings	Delay for "Forwarding after time" The delay for "Forwarding after time" can be set individually by the user
video	Video Support (H.263) The terminal can display video streams from other participants
E/A	EA Cockpit Integration Support of the EA-Cockpit application
WBM	CSV WBM Export Via the WBM interface the current contacts can be exported as.csv files
Bluetooth	Bluetooth Car kit Support CP600 The CP600 terminal device can be used as a "hands-free unit"
LDAP	Extended LDAP Avatar Support The device now also supports the JFIF format (used in many Active Directory systems)
V1R5.5.0	
Hardware	CP600E support of the new Phone Model CP600E
UI	Display of Keypad Label In addition to the line number, the configured "Keypad Label" is now also displayed to increase the overview for the user.
Multiline	DSS Key improvements (Visual Alert) Visual alert can be configured individually for each DSS Key FPK and inline, the known sausage is displayed independent of attached key modules and provides the caller information FPK only, the known sausage is not displayed at all, caller information is only displayed on a CP600 KM, Favorites screen or Team screen

Feature	Details
Multiline	DSS Key improvements (Audible Alert) Audible alert can be configured individually for each DSS Key Off, no alert Ringer, configured ringer file Beep, play a single beep tone only
Conversation	Master Source handling With a new configuration option it is now possible to dynamically update the names of existing conversations Signaling enabled, update Name info based on the SIP Signaling LDAP enabled, update Name info based on the LDAP answer Signaling & LDAP are enabled, LDAP always has the higher priority
Exchange	NTLM authentication Device support NTLM authentication for Exchange
E/A Cockpit	Notify Executive Phone show a toast notification if call to executive will be forwarded to the assistant
V1R5.7.0	
	CP100 Support of the new Phone Model CP100
V1R5.8.0	
Telephony	Improved cut through performance
V1R6.4.0	
Conversation	Identity Handling Improvement
Conversation	Filter for the conversation list
BT	Support of BT Keyboards
BT	Support of BT selfie Buttons
UC Service	UC set/show user presence
UC Service	UC set/show preferred device
UC Service	UC Integrate UC call log
UC Service	UC Integrate UC contacts
UI	Remote monitor/access warnings
UI	Customer Logo for CP400/600
Network	Phone add phone identification details to LLDP
General	Whitewashes SW
DLS	User Data Reset via DLS
Audio	Emergency ringer : fixed (max volume)
WBM	Possibility to restrict the Web server to TLS 1.2 only
E/A Cockpit	Mobility logoff switches E/A state
20X	New Date format dd/mm/yy
V1R6.6.0	
SIP	DNS-SRV fallback in idle state
V1R6.8.0	
Telefonica	Allow polling of DMS only once after office hours
Telefonica	DMS address precedence DHCP vs configuration file(xml)
Telefonica	DNS SRV improvements
V1R6.13.0	
Conversation	reduce number of LDAP lookups
V1R6.14.0	
General Operation	Cancel option is presented on top row for all modal prompts The relevant modal prompts are: Settings password screen Phone unlock screen Mobility login screens Cloud Deployment PIN screen Terminal number screen Broadsoft DMS Authentication Failure
KM: Pagination	Reset KM600 display to non-shifted level after timeout
Extensibility	Allow E/A Cockpit with up to 4 Executives and 4 Assistants
Settings: Phone	Missed call notification control to be user managed
Settings: Phone	Make volume for Call waiting tone configurable
Bluetooth	Indicate the battery level of the Bluetooth device
Conversation	DSS Key: Show a forwarded conversation at the party that was picked up
Conversation	History screen: Add transfer source to the transferred-to party for a blind transfer
V1R6.16.0	
	Cancel option is presented on top row for all modal prompts
	Show a combined sausage notification for DSS/line and key notifications
Conversation	History shows information for a forwarded call
	Static textbox lengths for inline (sausage) notification
Conversation	History to include the party the call was picked up from
Conversation	Transferring party should retain both conversations for successful Semi-attended transfer

Feature	Details
Call screen	Add transfer source to the transferred-to party for a blind transfer
	Context based Settings label for key programming
	Indicate that line preview and preselection items are not available via WPI
WBM	Browser based file download for user - Text status indication
FPK	Default labels should be shown in the current language when keys created by Local Admin Default labels should be shown in the current language when keys created by WBM Default labels should be shown in the current language when the phone language changes
Info	Connected screen to include the party the call was picked up from
Pickup	Call is shown with "Pickup" & "Anonymous" at the picking up party at C
	Show full config item value without scrolling
Bluetooth	Indicate pending BT call when busy in a SIP call
Bluetooth	Temperature indication - remote sensor
Bluetooth	Update "Details with commands" widget
	Add option for mobile logoff to Phone locked screen
	Increase the time that the Call Forwarded toast is shown for
Navigation	Reset highlight item when landing screen is triggered
Conversation	Show phone number in highlighted conversation
	New Favorites Screen Layout with an Information Panel
	Hold key indication when one or more calls are selected (non-Keyset) Hold key action when one or more calls are selected (non-Keyset)
Conference	Number of participants and icon cannot be displayed in Large Conference
WBM	Change the TLS default to be only the latest TLS versions
V1R7.1.0	
KM	Hold feature key reacts to call context when there no call is selected (Keyset) User selects a conversation to program an FPK with its data (parts A, B & C) Hold key indication and action on a Keyset Context based Settings label for key programming User selects a conversation to program an FPK with its data (parts D & E)
Conversation	History screen: Add Transfer destination to transferred parties at the transferring party Transfer: The duration in the call ended toast should be empty if there was no conversation
Languages	FPKs: Default labels should be shown in the current language when keys created by the DLS
Navigation	Menu highlight: New menu option added Menu highlight: Screen update (left side)
Call recording	Desk Phone CP - Manual Call Recording per Call
V1R7.4.0	
Security	Configurable TLS1.0 and TLS1.1 removal
Mobility	Save the Conversations table as unmanaged data to speed up logon
Menu highlight	Set of menu options change
V1R7.5.0	
Call Forwarding	Toast when CF key pressed but there is no destination set User selects a conversation to program a CF destination from Presence with its number
FPK	Select conversation only if input box is empty User selects a conversation to program a Selected dial FPK with its name & number
Bluetooth	Bluetooth Dual stream - Connecting 2 devices
V1R7.7.0	
Mobility	Hide mobility icon for mobile user
CP100	Mute Key indication
UC	Improve handling of presence key LED with OpenScope UC
V1R7.8.0	
	Clear LED when there is an unanswered call
Favorites	Call transfer with Favorite Button Call Transfer with Favorite Button
Locked Phone	Disable auto-answer for locked phone

BETA FEATURE	
TR-069	<ul style="list-style-type: none"> • Support for TR-069 protocol.
RingCentral	<ul style="list-style-type: none"> • New Server Type for RingCentral • Support RingCentral Alert-info format • Support RingCentral Call-Type • Accept Auto-answer format according to server type • Treat call as secure with RingCentral server type • Factory reset that preserves the client certificate • Trigger a factory reset that preserves the client certificate (hooded claw) • Trigger a factory reset that preserves the client certificate (Settings menu) • Install client certificate from PKCS12 container • Indicate if a client certificate has been installed • allow clearing of phonebook/calllog/conversations • Auto-answer - 2nd incoming call to be not auto-answered • Request Redirect server to provide a client certificate • Call park on BLF key (CNV-34475) • DHCP Option 66 pre-provisioning flow (CNV-34529) • Caller ID after BLF pick-up (CNV-34639) • WBM - BLF key - new configuration item • Configuration file: new item "blf-sip-line-action-xxx" • Opus for RingCentral server type
Security	<ul style="list-style-type: none"> • Implement support for client specific certificate into CertificateMgmtService • Implement support for internal truststore of root Cas • Encryption: 'ssh-password' should be stored as encrypted

>>>> **OpenScape Desk Phone CP Feature Overview**<<<<<

[https://wiki.unify.com/wiki/OpenScape_Desk_Phone_CP_\(SIP\)](https://wiki.unify.com/wiki/OpenScape_Desk_Phone_CP_(SIP))

>>>> **Detailed UC Integration Videos** <<<<<

https://wiki.unify.com/wiki/OpenScape_Desk_Phone_CP_-_UC_Integration

5.2 Resolved Reported Problems/Symptoms in V1 R7.7.0

GSI.flow Ticket	Summary
CNV-33846	CP205 device freezes in _conversations_ menu on first start
CNV-33673	Hold reminder for private keyset lines

5.3 Resolved Reported Problems/Symptoms in V1 R7.8.0

GSI.flow Ticket	Summary
NA16689509	CP200 - incorrect QoS Jitter values under WBM -> QoS reports
NA16725139	CP600E phone crashes sporadically with V1R7.7.0.
CNV-34626	CP600: BLF LED indication doesn't change it's status to Free
CNV-34611	Impossible to start speed dialing if there is an incoming call on the monitored extension
CNV-34882	CP205: Incorrect display of the character "Y" on the screen
CNV-35072	CP400/600: Incorrect caller ID after BLF speed dial
CNV-34746	support canonical dialing for US numbers
CNV-34916	MBW: Media is absent after take over the call
CNV-35185	Media is absent during incoming call to HP in OPUS if "Use HD Voice if possible" set false
CNV-35105	Hot Desk devices doesn't update User Name after login
	BLF functionality to pick up calls does not work on RingCentral
	HTTP Security Header Not Detected
	Apply MxC-2.0-r3-Patch-068.tar.gz Linux Kernel Multiple Local Denial of Service (DoS) Vulnerabilities
	Apply Atos_PhonexChange_6.5_PatchSN96.tar.gz Linux Kernel Multiple Local Denial of Service (DoS) Vulnerabilities
	CP20x: Fixed key for Group pickup - after usage annoying sound
	Call waiting tone - preview volume different from real call waiting tone
	LDAP info get lost after simple Hold/Release scenario in a keyset phone
	CP100: First Line is Overlapping After Pressing the Mute Key Button
	Wrong screen displayed after unlocking the phone
	DLS secure mode pin Prompt behaves different in Settings screen
	Should not be allowed to configure 2 DSS lines with the same number
	slider not updated when country is changed
	Phone crashes after mobility login

	Wrong LED serialization on GroupPickup FKP alert
	CP600:Crash occurs when secondary line and dss line configured with the same number
	Phone not prompting for PIN when redirect server is unavailable for zero touch deployment
	No ability for Cloud Deployment or Plug & Play
	After repetitive mobility FPK for ringer off does not work and mute icon is missing
	MAC address in E164 causes problems with CSTAMonitorStartRequest
CNV-35448	Devices are freezed and got reboot after several park/pick up
CNV-35456	CP600: Wrong call information is displayed after making a new monitoring call via BLF line
CNV-35105	Hot Desk devices doesn't update User Name after login
CNV-35484	CP205 doesn't support canonical dialing
CNV-35604	CP20X: Phone Display shows "Anonymous" besides the caller number in Incoming call

6 Hardware and software compatibility

6.1 Hardware revisions

Product "long" name	Product Revision	Comments
OpenScape Desk Phone CP400	S30817-S7722-A101-3+	OpenScape Desk Phone CP400 Black
OpenScape Desk Phone CP600	S30817-S7724-A101-4+	OpenScape Desk Phone CP600 Black
OpenScape Desk Phone CP600E	S30817-S7723-A101-2+	OpenScape Desk Phone CP600E Black
OpenScape DeskPhone CP200	S30817-S7720-A101-3+	OpenScape DeskPhone CP200 SIP lava
OpenScape DeskPhone CP205	S30817-S7721-A101-4+	OpenScape DeskPhone CP205 SIP lava
OpenScape Desk Phone CP100	S30817-S7730-A101-4+	OpenScape Desk Phone CP100 Black

6.2 Compliant products (compatibility matrix)¹

Hardware and software products that have been tested together with the phone, including third-party products, are listed in the following table, which also includes the respective versions required to use with the current OpenScape Voice Server software and the location of their respective Release Notes in G-DMS.

Product Family	Product	SW Version (e.g. Vx.y] Rm.f.h)
OpenScape	OpenScape Voice ¹	V7 Latest version V8 R1.43.2 or later V9 R0.6.2 or later
	OpenScape 4000	OpenScape 4000 V8 R0.14.0 or later
	DLS ³	V7R3.509 or later *
	JHPT	V2R3.1.0
Web Browser	Microsoft Internet Explorer	IE8, IE9, IE10 and IE11
	Mozilla Firefox	latest version
	Google Chrome	latest version

Notes:

^{*1} Info for usage in OpenScape environments: This overview shows the released components from phone side but at the end the "Common Compatibility Matrix" serves as binding reference for all compatibility questions. <https://nuxeo.unify.com/nuxeo/site/proxy/nxdoc/view/raw/19807d7c-2588-4c6c-ad1b-5f20d509191d>

^{*3} For EA-Cockpit configuration V7R3.488.00 or later is necessary
 For Master Source configuration V7R3.502.00 or later is necessary
 For Limit web server to TLS 1.2 V7R3.509 or later is necessary
 For Mobility logoff switches E/A state V7R3.507 or later is necessary

7 Service information

7.1 Management information base

Product forwards SNMP traps according to a MIB:

The following MIBs are supported:

- OPENSTAGE-MIB
- QDC-MIB
- SIPPHONE-MIB

7.2 License management

This product is certified for the following:

CLS: **CSC:** **Other Licensing:** If you are using others, please describe below:

Product and diagnostics structure in G-DMS/ SWS and GSI-flow

8 Documentation reference

Documents	Hyperlinks	Remarks
E-DOCU	http://apps.g-dms.com:8081/techdoc/search_de.htm	

9 Attachment