



Release Notes

Product Name: *OpenScape Desk Phone CP*

Product Version: *V1*

Software Release is identified by Version: *V1R6.6.0*

Major Release Minor Release Fix Release Hotfix Release

Production Version:

System:			
File type	Product Item Number / File name	Size	MD5 checksum
Image	CP400_SIP_V1_R6_6_0.img	38.880 KB	6d0b0ef8a026c23a1cf554fdcecf8e40
Image	CP600_SIP_V1_R6_6_0.img	38.880 KB	6d0b0ef8a026c23a1cf554fdcecf8e40
Image	CP600E_SIP_V1_R6_6_0.img	38.880 KB	6d0b0ef8a026c23a1cf554fdcecf8e40
Image	CP20X_SIP_V1_R6_6_0.img	21.572 KB	6618f45d44d36277771fa1fd3a1ebd8b
Image	CP100_SIP_V1_R6_6_0.img	21.558 KB	353794f5a086d7770e1af9bd4134ccf0

Export Control Classification Data AL: *N* ECCN: *5D002ENC3*

Field Trial: eeQS: Limited Availability: General Availability:

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DELIVERABLES: Full Release: Delta Release:

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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	PORT LIST	4
3	REPORTED PROBLEMS / SYMPTOMS UNDER ANALYSIS	5
4	RESTRICTIONS, WORKAROUNDS AND HINTS	6
4.1	RESTRICTIONS	6
4.1.1	<i>General information</i>	6
4.1.2	<i>Hints / New or changed restrictions for this current SW Release</i>	6
4.1.3	<i>Restrictions for this Product-Version</i>	6
4.2	WORKAROUNDS / HINTS	7
4.2.1	<i>New Workarounds / Hints (CP Phone Related)</i>	10
4.2.2	<i>Changes</i>	11
4.2.3	<i>New in this release</i>	11
4.2.4	<i>Implemented change requests</i>	11
4.2.5	<i>Resolved Reported Problems / Symptons</i>	15
5	HARDWARE AND SOFTWARE COMPATIBILITY	16
5.1	HARDWARE REVISIONS	16
5.2	COMPLIANT PRODUCTS (COMPATIBILITY MATRIX) ¹	16
6	SERVICE INFORMATION	17
6.1	MANAGEMENT INFORMATION BASE	17
6.2	LICENSE MANAGEMENT	17
6.2.1	<i>Product Structure</i>	17
6.2.2	<i>Diagnostics Structure</i>	18

1 History of change

1.1 Release notes history

Version	Date	Changes
19.0 / 1.0	2018-11-26	FT release note of SW V1R6.4.0
2.0	2019-03-22	FT release note of SW V1R6.5.0
3.0	2019-04-29	FT release note of SW V1R6.6.0
4.0	2019-05-13	GA release note of SW V1R6.6.0

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
V1R6.4.0	V1R6	2018-11-26	FT release
V1R6.5.0	V1R6	2019-03-22	FT release
V1R6.6.0	V1R6	2019-04-29	GA release

2 Important Information

2.1 Installation

The V1R6.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 config parameter (default true) and refuse further downloads of SW that is not signed. Any bind will then need to be signed. The config parameter needs to be changed if customer wants to install not signed SW like trace/test binds.

CP600 Downgrade:

FPK's config 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 Port List

3 Reported Problems / Symptoms under Analysis

		Summary	Work-around / Hint
		send url push support is missing on CP100/20X	reproducible
		device crashed several times since SW upgrade	Seems to be related to shared numbers (LDAP)
		Sporadically no function of the headset button on the headset	reproducible
		wrong prompt after user PW change (WBM)	reproducible
		display update leads to navigation reset (focus reset)	Working as designed, on track for V1R7

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

New Restrictions:

Lifted Restrictions:

Latest Hints:

"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:
Fehler! Hyperlink-Referenz ungültig. 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**

1. When a PC is connected to the phone PC port, this port is down for a few seconds when the phone is booting.
2. The **second LAN port** is designed to connect a desktop PC. Tagged frames are not supported at the second LAN port.
3. Mirror Port configuration released for diagnose only

- **User PW**

Neither the User's telephone number or display identity are 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 (eg. 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**
 1. 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.
 2. 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
 3. 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 from 2 sidecars external power supply is necessary
- **Display Error (limited Service NTP)**
Since V1R2 the phone show a 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

OpenScape DeskPhone CP periodical connection drops (TCP) #####
Important Service Information for our OpenScape 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)

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.

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 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.

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" behaviour 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 unprogrammed - 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.

4.2.2 Changes

4.2.3 New in this release

4.2.4 Implemented change requests

Epic	Feature	Details
V1R0		
DWE-146	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.
DWE-477	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.
DWE-4371	Exchange	Acquiring contacts on the phone from an Exchange server (e.g. Microsoft Outlook)
DWE-1072	Ldap	Enhances LDAP functionality eg: Dynamic call related LDAP lookup. If number of an 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.
DWE-2997	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		
DWE-7168	Repertory dialing	Programming Repertory Dialing on the phone
DWE-7143	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
DWE-5731	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, dialled etc.)
DWE-3028	BLF	Busy lamp feature for Asterisk
DWE-2452	Cloud	Deploy a new phone using Cloud deployment
DWE-7197	LDAP	Phone automatically Filter LDAP search results without phone number on quick search
DWE-7199	WBM	Delete individual slideshow files via WBM
DWE-7200	WBM Paperlabel	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.
DWE-7141	DHCP	Support of DHCP option 66
DWE-6102	BT: Conference Unit Support	Conference units must be supported in the same was as on OpenStage
DWE-5318	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

Epic	Feature	Details
	Conversations	Easy switch between Call-Log and Circuit Conversation
	Multiline	Support a non-Keypad 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		
DD-844	UI/Broadsoft	User sees BW Network Directories
DWE-9552	UI/Broadsoft	Provide the four standard keys on second level too
DWE-9457	UI/Broadsoft	Create two new Favorite keys (call log, network directory)
DWE-9534	UI/Broadsoft	Favorites screen is available when Key Module is attached
DWE-9495	UI/Broadsoft	All main CP types in Presence screen
DWE-9912	UI/Broadsoft	Show forwarding icon on all forwarding types
DD-829	UI/Broadsoft	Status indication when KM is not connected and no other visual indication is provided
DWE-9476	UI/Broadsoft	Custom translation
DD-835	UI/Broadsoft	Different Re-Registration Timer for SIP services
DD-883	CP20X	Long-Press on FPK is used to access the second level function
DD-704	JITC	JITC: Support by WE phones
DD-632	CP205	Support of CP205 Hardware
DWE-8762	LDAP	Permanent LDAP Lookup (If activated, an LDAP request is also sent for existing contacts)
DWE-8301	LDAP	No LDAP lookup for feature codes
DWE-3762	Screen	The user can set the landing screen individually on CP400/600
DD-609	Call recording	See and control Call Recording status during a call
DD-757	DLS Secure Mode	DLS secure mode pin
V1R3.8.0		
DWE-10203		Legal information available from WEBM
DWE-10291	UI/Broadsoft	Configure the visual alert for any incoming call rollover
DWE-10131	UI/Broadsoft	allow call log/directory to function when fpk located on 2nd level
DWE-10056	UI/Broadsoft	Configure ring count or delay for No Reply forwarding
DWE-10008	UI/Broadsoft	sync with DMS after office hours only
DWE-9912	UI	Show forwarding icon on all forwarding types
DWE-5076	UI	Alternative numbers during outgoing call are represented by their type
DWE-9681	Settings	Move the menu item "Landing screen" to the "Display" menu node in the local Settings menu and WBM
DWE-9680	Settings	Settings: Improve "Idle screen" menu
DWE-9556	Settings / UI	All main CF types in Presence screen
V1R3.8.10		
DWE-10127		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

Epic	Feature	Details
		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 Carkit 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
	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 Signalling enabled, update Name info based on the SIP Signalling LDAP enabled, update Name info based on the LDAP answer Signalling & LDAP are enabled, LDAP always has the higher priority
	Exchange	NTLM authentication Device support NTLM authentication for Exchange

Epic	Feature	Details
	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

Feature Example Videos (German): http://wiki.unify.com/wiki/OpenScape_CP600_Feature_Example_Videos
 Feature Example Videos (English): http://wiki.unify.com/wiki/OpenScape_CP600_Feature_Example_Videos_ENG
 V1R6 Feature Overview (OnePager): https://wiki.unify.com/images/d/d3/V1R6_1.1.pdf

4.2.5 Resolved Reported Problems / Symptoms

GSI-flow Ticket	MR / CQ	Summary
		ICE: often crashes when call is terminated
		crash and boot loop
		crash as soon as you change a Favorite
		crash after call clearing
		device crash
		Active ghost call with group pickup call
		UC Mode: DLS Feature "clear Call Log" must be ignored in UC mode
		spor. pickup popup hangs with label "Number unavailable"
		Name from OSV to any contact doesnt appear when a previous conversation does not exist
		Circuit Mode does not work
		boot loop after SW upgrade
		Large Conference attempt causes CP Phones to crash
		No Call recording RTP stream after call waiting call
		Call recording is interrupted when on Hold
		Payload Delay (round about 1 second) if User accept call very fast + hunting group
		CP200 ignore LLDP config from the Switch
		No speech-path after Reconnect with CP phones behind same NAT
		cannot delete just one entry from network call log
		CP20X wrong network directories presentation
		Spanish translation fixes for User menu
		one way payload after re-invite
		Re-Invite ignored by phone (device does not change codec)
		CS7580136, Security fix
		CVE-2018-19873,CVE-2018-19870,CVE-2018-19869
		Denial of Service (DoS) Vulnerabilities

5 Hardware and software compatibility

5.1 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

5.2 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 “Large Scale Common Compatibility Matrix” serves as binding reference for all compatibility questions. Stored on G-DMS

***2** currently it is not possible to configure Idle screen via DLS. Feature has been already implemented during current sprint. It will be available in the next DLS load cv482.00

***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

6 Service information

6.1 Management information base

Product forwards SNMP traps according to a MIB:

The following MIBs are supported:

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

6.2 License management

This product is certified for the following:

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

6.2.1 Product Structure

Structure in G-DMS / SWS	OpenScape Desk Phone CP400
Main Category	Clients & Devices
Product Family	OpenScape Desk Phone
Product	OpenScape Desk Phone CP400 SIP
Product Version	OpenScape Desk Phone CP400 SIP V1.0
Product Item #	V1 R6.6.0

Structure in G-DMS / SWS	OpenScape Desk Phone CP600
Main Category	Clients & Devices
Product Family	OpenScape Desk Phone
Product	OpenScape Desk Phone CP600 SIP
Product Version	OpenScape Desk Phone CP600 SIP V1.0
Product Item #	V1 R6.6.0

Structure in G-DMS / SWS	OpenScape Desk Phone CP600E
Main Category	Clients & Devices
Product Family	OpenScape Desk Phone
Product	OpenScape Desk Phone CP600E SIP
Product Version	OpenScape Desk Phone CP600E SIP V1.0
Product Item #	V1 R6.6.0

Structure in G-DMS / SWS	OpenScape Desk Phone CP20X
Main Category	Clients & Devices
Product Family	OpenScape Desk Phone
Product	OpenScape Desk Phone CP20X SIP
Product Version	OpenScape Desk Phone CP20X SIP V1.0
Product Item #	V1 R6.6.0

Structure in G-DMS / SWS		OpenScape Desk Phone CP100	
Main Category		Clients & Devices	
Product Family		OpenScape Desk Phone	
Product		OpenScape Desk Phone CP100 SIP	
Product Version		OpenScape Desk Phone CP100 SIP V1.0	
Product Item #		V1 R6.6.0	

6.2.2 Diagnostics Structure

Structure in Case Tracking System ICTS		OpenScape Desk Phone CP400	
Product Family		Clients & Devices	
Product Group		WORKPOINT CLIENTS	
Product Type		OpenScape Desk Phone CP400 SIP	
Product Version		V1	
Software Version		V1 R6.6.0	

Structure in Case Tracking System ICTS		OpenScape Desk Phone CP600	
Product Family		Clients & Devices	
Product Group		WORKPOINT CLIENTS	
Product Type		OpenScape Desk Phone CP600 SIP	
Product Version		V1	
Software Version		V1 R6.6.0	

Structure in Case Tracking System ICTS		OpenScape Desk Phone CP600E	
Product Family		Clients & Devices	
Product Group		WORKPOINT CLIENTS	
Product Type		OpenScape Desk Phone CP600E SIP	
Product Version		V1	
Software Version		V1 R6.6.0	

Structure in Case Tracking System ICTS		OpenScape Desk Phone CP20X	
Product Family		Clients & Devices	
Product Group		WORKPOINT CLIENTS	
Product Type		OpenScape Desk Phone CP20X SIP	
Product Version		V1	
Software Version		V1 R6.6.0	

Structure in Case Tracking System ICTS		OpenScape Desk Phone CP100	
Product Family		Clients & Devices	
Product Group		WORKPOINT CLIENTS	
Product Type		OpenScape Desk Phone CP100 SIP	
Product Version		V1	
Software Version		V1 R6.6.0	