Release Notes

Release Notes Version: V8.1, 2024-03-15

Atos Unify OpenScape Desk Phone CP HFA V1

Software Version: V1 R8.2.0

☐ Major Release   ☐ Minor Release   ☒ Fix Release   ☐ Hotfix Release

Software Release Status: Check SWS (Software Supply Server)

☒ eeQA-FT (Field Trial)   ☐ eeQA-Pilot Usage   ☐ General Availability (GA)

Deliverables

☒ Full Release   ☐ Delta Release

Export Control Classification Data

AL: N   ECCN: *5D002TSU*

Delivered Files

OpenScape Desk Phone CP700_X

Product Item Number	P30152-P1632-A400-46
File Type	Image
File Name	CP700_X_HFA_V1_R8_2_0.img
File Size	49,7 MB
Checksum	ae5e58d94802c7933872a850dce16390a05d2694e255bd331169b16510067b34

OpenScape Desk Phone CP600_E

Product Item Number	P30152-P1632-A300-46
File Type	Image
File Name	CP600_E_HFA_V1_R8_2_0.img
File Size	49,7 MB
Checksum	ae5e58d94802c7933872a850dce16390a05d2694e255bd331169b16510067b34

OpenScape Desk Phone CP400

Product Item Number	P30152-P1632-A200-46
File Type	Image
File Name	CP400_HFA_V1_R8_2_0.img
File Size	49,7 MB
Checksum	ae5e58d94802c7933872a850dce16390a05d2694e255bd331169b16510067b34

OpenScape Desk Phone CP20X

Product Item Number	P30152-P1632-A100-46
File Type	Image
File Name	CP20x_HFA_V1_R8_2_0.img
File Size	23,3 MB
Checksum	6c4f60373526eea0062b4971ba04120199f83a152fcb185252b1186517e91595

OpenScape Desk Phone CP100

Product Item Number	P30152-P1632-A90-46
File Type	Image
File Name	CP100_HFA_V1_R8_2_0.img
File Size	22,9 MB
Checksum	25fb1fcef79c3ddde29c2026727e0cd515b76e137df69e44c9acc3199315750c

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1 History of Change

1.1 Release notes content

Version	Date	Description of changes
8.0	2023-11-29	Release of FT Version V1R8.1.0
8.1	2024-03-15	Release of fix release V1R8.2.0

1.2 Product versions history

Software Version	Production Version	Date	Remarks
V1R8.1.0	V1R8	2023-11-29	Field trial release V1R8
V1R8.2.0	V1R8	2024-03-15	Fix release V1R8

Note: List of all released software versions since V1R7 software release in SWS.

2 Changes

2.1 Implemented Change Requests / New features

Tracking Reference	Internal Reference	Summary	Released in Version

2.1.1 Implemented BETA features

Tracking Reference	Internal Reference	Summary	Released in Version
	DWEH-4993	Keep contacts when deleting all conversations - Control	V1R8.2.0
	DWE-4994	Keep contacts when deleting all conversations - Operation	V1R8.2.0
	DWEH-5595	WBM: CP-HI User settings Inactivity Slideshow Format selection	V1R8.2.0
	DWEH-5596	CP-HI: [MONITOR] User settings Inactivity Slideshow format Best fit to display	V1R8.2.0
	DWEH-5638	FreeType Update from 2.7.1 to 2.13	V1R8.2.0
	DWEH-5703	CP-HI: HFA Local User settings Slideshow Format selection menu	V1R8.2.0
	DWEH-5705	CP-HI: User settings Inactivity Slideshow format - DLS	V1R8.2.0
	DWEH-5829	TLS 1.3 - Transport TLS session ID in dummy H225 SETUP	V1R8.2.0
PRB000072568	DWEH-5851	Limiting the Minimum Ringer Level - interim enhancement	V1R8.2.0

Tracking Reference	Internal Reference	Summary	Released in Version
	DWEH-5891	FreeType Update from 2.13.0 to 2.13.1	V1R8.2.0

10.1 Resolved Reported Problems / Symptoms

Tracking Reference	Internal Reference	Summary
	DWEH-5803	CP600, CP700 (CZECHDIA language) Main screen - some options and date are in English
PRB000071694	DWEH-5810	Issue when trying to pick up a second call
PRB000072568	DWEH-5831	Rollover ring volume circumvents the "minimum ring volume" configuration.
	DWEH-5837	[CP100/CP200][HFA] : Crash when select Minimum Ringer Level
PRB000072549	DWEH-5830	CF display on CP phones covers DTB/iDTB menu
PRB000072552	DWEH-5839	With CP600/400 HFA there is no/incorrect display of call notifications in SwyxWare context

15.1 Resolved Vulnerabilities

Tracking Reference	Internal Reference	Summary
	DWEH-5558	FreeType multiple high cvss severity vulnerabilities
	DWEH-5699	FreeType base/ftobjs.c FT_Request_Size() Function Face Size Handling NULL Pointer Dereference DoS (CVE-2022-27406)
	DWEH-5823	FreeType sfnt/pngshim.c Load_SBit_Png() Function Bitmap Dimensions Handling Integer Truncation Heap Buffer Overflow (CVE-2020-15999)
	DWEH-5825	FreeType base/ftobjs.c ft_open_face_internal() Function Face Index Handling NULL Pointer Dereference DoS (CVE-2022-27405)
	DWEH-5890	FreeType truetype/ttgxvar.c tt_size_reset_iterator() Function CFF Font Handling Type Confusion Arbitrary Code Execution (CVE-2023-21287)
	DWEH-5860	WP_LO - Linux Kernel /net/bluetooth/rfcomm/core.C Unspecified NULL Pointer Dereference Remote DoS (CVE-2024-22099)
	DWEH-5888	Expat (libexpat) Big Token Parsing Quadratic Complexity CPU Consumption DoS Weakness (CVE-2023-52425)
	DWEH-5876	Security Advisories SYSS-2024-008 (firmware files are not encrypted and contain sensitive information such as the root password hash)

Tracking Reference	Internal Reference	Summary
	DWEH-5896	Security Advisories SYSS-2024-008 (Part 2) - md5 default encryption and changed to sha256

25 Important Issues, Workarounds, Hints and Restrictions

This section provides the latest information at time of software release and is only pertaining to the time of release notes generation.

25.1 Important Issues

Not applicable for this release

25.2 Workarounds, Hints

Distinctive Ringing
DLS shows all Distinctive Ringing types when phone is connected to a non OpenScape 4000 System, even though the other System supports fewer options. Please use the Local Admin.

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

The database changes done in V1 R2 do not require a Factory reset to be effective. A lot of effort was taken that the migration from V1 R1 to V1 R2 runs as expected and such a factory reset won't be required. However, some rare and unexpected scenarios may exist where a factory reset could be advised but it should be required only if the scenario is identified as caused by corrupted data during migration. In case this is required the advice to factory reset will come from GVS and development only!

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

The phone uses EWS (Exchange Web Services) to connect to the Exchange. And does support two Authentication Methods: Basic Authentication and NTLMv2. Make sure EWS and those authentications are allowed.

Voicemail/Messages
New Voicemail recordings or Messages are indicated on the Main Menu. To listen to old Recordings, you need to call the voicemail directly via the voicemail number.

Key Programming
Preferred method for programming a key is with a Long Press of the Key, this works for all Keys (including the Favourites on CP600(E)). Edit of Favourites on CP600(E) is not possible via System Service Menu.

ConversationsAPI Tracepoint
Please be aware that because of the amount of trace data generated by that Tracepoint when set to DEBUG it may result in slow phone behaviour in case of a huge Conversation List. Use Level "TRACE" instead unless otherwise requested from GVS/development.

Web Based Management (WBM) distorted
It might happen that after the Upgrade to V1 R2.7.0, or later, the WBM pages may look distorted. This is caused by Browser errors that do not load the current style sheets. Please

use a "Force Reload" of the WBM for example by pressing "Ctrl+F5" (for Windows Versions of Chrome, Firefox and Internet Explorer).

25.3 Restrictions

25.3.1 General

Select dialing FPK

Creating Selected dialing by choosing Conversation -> Presents OSBiz Name and Image
Creating Selected dialing by entering -> Presents OSBiz Name and Image

IEEE 802.1x:

The phone acts as a supplicant only, not as an authenticator for a PC connected at the second LAN port of the OpenScape HFA Phone. For IEEE 802.1x authentication including MDA behind Cisco Access Switches, IOS 12.2(40) or later is required.

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, HFA Server, etc)

Mobility

Cross Mobility between OpenStage and CP Phones is not allowed.
UC Service settings on OpenScape Business are not transferred to the visited phone.

WBM Screensaver File uploads

Screensaver File upload size is limited to 300.000 KB
Bigger files could lead to serious malfunctions in case of mobility

Trace file size (C20X/100):

The configurable trace file size could have an impact on behaviour and stability of the phone. For the moment it is recommended to have the maximum size in the following settings:
3 MB trace file size

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

Password Policy

The User's telephone number is not allowed as part of the User/Admin password.

OpenStage Manager

No support for OpenStage Manager

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.

Sidecar
4 sidecars are supported on CP600
2 sidecars are supported on CP400 and CP600E
With 2 or more sidecars an external power supply is necessary on CP600.

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

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 performs a self-restart because of an internal timeout. This behavior is correct and based on the internal software architecture of the device

Group Calls (OSBiz):
Missed Group Calls are not deleted from CP HFA Conversation List if the Originator of the Group Call
called that Group, or any member of that Group directly, and such a Call was accepted. If the first (!)
Connected Call is a "callback" from a member to the Originator the Group Call is correctly deleted. This is because of an error in OSBiz Signaling for deleting that Group Call entry in case of an Incoming Call.

CP 600E Software
Software bind for CP400, CP600 and CP600E are identical.

Direct Video and Door opener
Please do assign the First Door opener to the First camera, the Second Door opener to the Second Camera and so on. This is a limitation that will be lifted shortly but currently assigning those settings otherwise may result in opening a different door as expected.

25.3.2   Restrictions for UC Journal/Voicemail mode (OSBiz only):

Following restrictions apply to the Conversation List for UC Journal Mode or are handled differently compared to the local mode.

1. If UC Journal mode is activated (User settings → Configuration → UC credentials → Allow UC Journal the previously present Conversation list is deleted, and the UC Journal is loaded from the OSBiz UC.

2. Conversation entries can't be deleted. Based on some missing functionality, on OSBiz UC side, it is currently not possible to delete a single or all entries from the conversation list.

3. In Consultation Scenarios (A calls B, B consults to C, B finishes call with C, afterwards finishes call with A) the UC Journal, at phone B, is missing the Journal entry for the call with A directly after the call. This because of missing information from the OSBiz UC that such a conversation is now present. In case the UC connection is dropped and the whole list is loaded again from the server the missing Conversation is present on the device as well. (UC Suite only)

4. Missed Group Calls are no longer deleted from the Conversation list in case they are answered. This is not a phone error as the system doesn't remove such a missed Group Call from the UC Conversation list.

5. Missed Group Calls do not show the Group Name or Number, instead they show the own extension number. Open issue on UC Suite server (UC Suite only)

6. Calls to a Group or Pickup Group that are answered from a (Pickup) Group member are added to the Conversation List as a New Missed Call as they are signaled that way from the OSBiz UC.

7. In Transfer Scenarios (A calls B, B consults to C, B transfers call to C) the UC Journal, at phone B, is missing the Journal entry for the call with A directly after the call. This because of missing information from the OSBiz UC that such a conversation is now present. In case the UC connection is dropped and the whole list is loaded again from the server the missing Conversation is present on the device as well. (UC Suite only)

8. No missed call is added to the Conversation in case of forwarded calls are not answered at the forwarding destination.

9. Deleting the Call History events via the legacy UC clients (myPortal [smart]) is not directly reflected back to the Conversation list at the devices.

26 Installation and Upgrade / Update

26.1 Installation

The phone application can be loaded with FTP or HTTPS to the phone, either through the local admin interface, through the Web administration interface or by the DLS.

For details about the upgrade procedure please refer to the administration manual.

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.

Important information for Updates:

- HTTPS download of the Software is supported without restriction. Therefore, we recommend using HTTPS Update
- It is recommended to upgrade the phones during low traffic time
- The upgrade can take some minutes. It is strongly recommended to wait until the burning process is finished. (Power off in this situation destroys the phone)
- Please make sure 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 fails.
- Please make sure that all old unused 802.1x certificates are deleted before upgrading the phone. Otherwise, it is possible that the deployment will not be finished correctly.
- It is recommended to turn of the traces before upgrade, especially the ConversationsAPI Tracepoint should not be set to DEBUG on upgrade.

26.2 Security Considerations/Port List

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

26.3 Migration from OpenScape Desk Phone CP SIP to OpenScape Desk Phone CP HFA (CP400/600)

1. Check that the OpenScape Desk Phone CP SIP Software is at least V1 R1.6.0, versions prior to this version can't be flashed with CP HFA software
2. Load the HFA software to the Phone
3. Configuration is to be done as usual

Note: There is no restriction for upgrade from HFA CP200 V1 R0 or V1 R1

26.4 Fallback

Download previous software via normal procedures (Local admin, WBM or DLS). Please check chapter 4.5.2, for phone HW version that shall not be downgraded to a version earlier as the version mentioned there.

26.5 Special settings and instructions

26.5.1 TLS

WBM → Network → Port configuration
The settings for "System Cornet TLS" and System H.225 TLS" should be 4061 and 1300 (Default, or to the ports matching the customer infrastructure. If they are set to "0" the phones will not register.

26.5.2 Hardware Revisions of OpenScape DeskPhone CP

Not relevant at the moment

26.5.3 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/OpenScape_Desk_Phone_CP_FAQ#Error_Codes

27 Hardware and Software Compatibility

27.1 Hardware

Product name	Product Revision	Comment
OpenScape Desk Phone CP100	S30817-S7730-A101-4 and later	
OpenScape Desk Phone CP200	S30817-S7720-A101-3 and later	
OpenScape Desk Phone CP205	S30817-S7721-A101-4 and later	
OpenScape Desk Phone CP400	S30817-S7722-A101-3 and later	
OpenScape Desk Phone CP600	S30817-S7724-A101-4 and later	
OpenScape Desk Phone CP600E	S30817-S7723-A101-2 and later	
OpenScape Desk Phone CP700	S30817-S7727-A101-4 and later	
OpenScape Desk Phone CP700X	S30817-S7729-A101-3 and later	

27.2 Firmware

Not applicable for this software

27.3 Loadware

Not applicable for this software

27.4 Software / Applications

The OpenScape DeskPhone CP HFA software will run without any other software needed on the OpenScape DeskPhone CP device

27.5 Operating systems

Not applicable for this software

27.6 Compliant products

This section lists the versions associated with the communication platforms, other products and third-party products that have been tested for use with this version of the product and are known to work.

Product Family	Product	SW Version (e.g. Vx[.y] Rm.f.h)
OpenScape	OpenScape Business	V3 R1.0.0_233 or later *support of CP700/700x
	OpenScape 4000	V8 R2.22.0 or later V10 R0.28.0 or later *support of CP700/700X V10 R0.28.6 or V10 R1 or later *support "**System phonebook via WSI for 4K"** feature
DLS Server	DLS	V7 R3.88.0 (CV527.00) or later
DDC Tool	DDC V5	V5 R0.13.0 or later
jHPT Tool	JHPT	V2R3.1.0
Web Browser	Microsoft Internet Explorer	IE11

Product Family	Product	SW Version (e.g. Vx[.y] Rm.f.h)
	Mozilla Firefox	latest version
	Google Chrome	latest version

27.6.1 Communication platforms

Hardware and software products that have been tested together with this version of the product are listed in the common compatibility matrix, which also includes the respective versions required to use with the current version of this product.

The current Common Compatibility Matrix can be found on the Atos Unify Partner Portal http://www.unify.com/us/partners/partner-portal.aspx under Sell - Portfolio Information.

Note: Use the "Search & Find" option under Portfolio Information and Search Documentation for "Common Compatibility Matrix" (search on title only!).

27.6.2 Other products

Not applicable for this software

27.6.3 Third-Party products

Not applicable for this software

28 Service Information

28.1 Management information base

☒ Product forwards SNMP traps according to a MIB

  ☒ SNMP V2   ☐ SNMP V3

The following MIBs are supported:

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

28.2 License management

Not applicable for this software

28.3 Remote serviceability

Not applicable for this software

28.4 Product tooling structure

Main Category	Clients & Devices
Product Family	OpenScape Desk Phone CP
Product	OpenScape Desk Phone CP100 HFA
Product Version	OpenScape Desk Phone CP100 HFA V1
Product Item #	P30152-P1632-A90-46 (V1 R8.2.0)

Main Category	Clients & Devices
Product Family	OpenScape Desk Phone CP
Product	OpenScape Desk Phone CP20x HFA
Product Version	OpenScape Desk Phone CP20x HFA V1
Product Item #	P30152-P1632-A100-46 (V1 R8.2.0)

Main Category	Clients & Devices
Product Family	OpenScape Desk Phone CP
Product	OpenScape Desk Phone CP400 HFA
Product Version	OpenScape Desk Phone CP400 HFA V1
Product Item #	P30152-P1632-A200-46 (V1 R8.2.0)

Main Category	Clients & Devices
Product Family	OpenScape Desk Phone CP
Product	OpenScape Desk Phone CP600 HFA
Product Version	OpenScape Desk Phone CP600 HFA V1
Product Item #	P30152-P1632-A300-46 (V1 R8.2.0)

Main Category	Clients & Devices
Product Family	OpenScape Desk Phone CP
Product	OpenScape Desk Phone CP600E HFA
Product Version	OpenScape Desk Phone CP600E HFA V1
Product Item #	P30152-P1632-A310-46 (V1 R8.2.0)

Main Category	Clients & Devices
Product Family	OpenScape Desk Phone CP
Product	OpenScape Desk Phone CP700 HFA
Product Version	OpenScape Desk Phone CP700 HFA V1
Product Item #	P30152-P1632-A400-46 (V1 R8.2.0)

Main Category	Clients & Devices
Product Family	OpenScape Desk Phone CP
Product	OpenScape Desk Phone CP700 HFA
Product Version	OpenScape Desk Phone CP700X HFA V1
Product Item #	P30152-P1632-A400-46 (V1 R8.2.0)

28.5   Case tracking system

Tickets can be generated and tracked via the Atos WEB Support Portal (AWSP).
http://atosunify.service-now.com/unify
A short instruction can be found on the AWSP directly.

29   Documentation Reference

The product documentation can be found on the Atos Unify Partner Portal
http://www.unify.com/us/partners/partner-portal.aspx under Sell - Portfolio Information.

30   References

Further related information can be found under the following links:
https://wiki.unify.com/wiki/OpenScape_Desk_Phone_CP