

Unify OpenScape Business V3

Release Notes

Software Version: V3 R4.0.1_011

Date 2025-03-27

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

Current release status can be verified via the Software Supply Server (SWS)

Deliverables

☒ Full Release ☐ Delta Release

Export Control Classification Data

AL: **N** 5D002C1A ECCN: 5D002ENCR



About this document

This document provides general information about the release, generics, and other relevant notes for the corresponding product and its correction versions.

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Unify OpenScape Business V3
2025-03-27

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Delivered Files

Unify OpenScape Business V3

Product Item Number		File Name
1	P30152-P1649-P1-61	image_osbiz_v3_R4.0.1_011_occ.img.tar Size: 1.266.318.848 Bytes
	V2 mainboard family systems (X1, X3, X5 and X8) – without OCAB SHA256checksum: 4d5cf0f67462b0b5347a1e4a0493784b62df93f61e1483963a7b00c8e8b14759	
2	P30152-P1649-P2-61	image_osbiz_v3_R4.0.1_011_ocab.img.tar Size: 2.138.580.992 Bytes
	V2 mainboard family systems (X3, X5 and X8) – with OCAB SHA256checksum: 06de83967c94557953e9ceec0355afb1bc86ddc699387e13c13ce9408947b431	
3	P30152-P1649-P3-61	image_osbiz_v3_R4.0.1_011_occe.img.tar Size: 2.301.472.768 Bytes
	V3 mainboard family systems (X1W/R, X3, X5 and X8) SHA256checksum: 4d1d0fe861368797b81cdddfc46169a957bde65667b5fcbc3b4f0996f464e9a0	
4	P30152-P1649-P12-61	image_osbiz_v3_R4.0.1_011_pcx.img.tar Size 2.237.235.200 Bytes
	Server based systems (Business S or Booster Server) SHA256checksum: b1d4e39b036eaec3ea86ed2ef667e6a6cd9f5a5da4b7c714b5f1849d547cb213	
5	P30152-P1649-P10-61	dvd_osbiz_v3_R4.0.1_011.iso Size: 2.339.387.392 Bytes
	DVD SHA256checksum: 4d0a14725a401b9bfa15df5bcb0369a5db742d62e4401dc345e5bdb8f7a08d79	

The image size is reduced due to new documentation concept (see chapter 2).

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1. History of Change

1.1. Release Notes content

Version	Date	Description of changes
V1.0.345	2024-11-11	590 Bind V3R4 1 st EEQA Release
V1.0.346	2024-11-18	591 Bind V3R4 2 nd EEQA Release
V1.0.347	2024-11-25	592 Bind V3R4 3 rd EEQA Release
V1.0.348	2024-11-29	592 Bind V3R4 GA Release
V1.0.349	2024-12-10	002 Bind V3R4 HF1 Release
V1.0.350	2024-12-17	003 Bind V3R4 HF2 Release
V1.0.351	2025-01-14	004 Bind V3R4 HF3 Release
V1.0.352	2025-01-24	593 Bind V3R4 GA update Release
V1.0.353	2025-01-28	005 Bind V3R4 HF4 Release
V1.0.354	2025-02-11	006 Bind V3R4 HF5 Release
V1.0.356	2025-02-25	007 Bind V3R4 HF6 Release
V1.0.358	2025-03-11	008 Bind V3R4 HF7 Release
V1.0.360	2025-03-27	011 Bind V3R4 HF8 Release


1.2. Product versions history

Software Version	Production Version	Date	Remarks
V3 R4.0.0_590	M-EMG/IMG/OMG 3.4.0.0.590	2024-11-11	OpenScape Business V3 R4.0.0_590 1 st EEQA Release
V3 R4.0.0_591	M-EMG/IMG/OMG 3.4.0.0.591	2024-11-18	OpenScape Business V3 R4.0.0_591 2 nd EEQA Release
V3 R4.0.0_592	M-EMG/IMG/OMG 3.4.0.0.592	2024-11-25	OpenScape Business V3 R4.0.0_592 3 rd EEQA Release
V3 R4.0.0_592	M-EMG/IMG/OMG 3.4.0.0.592	2024-11-29	OpenScape Business V3 R4.0.0_592 GA Release
V3 R4.0.1_002	M-EMG/IMG/OMG 3.4.0.1.002	2024-12-10	OpenScape Business V3 R4.0.1_002 HF1 Release
V3 R4.0.1_003	M-EMG/IMG/OMG 3.4.0.1.003	2024-12-17	OpenScape Business V3 R4.0.1_003 HF2 Release

Software Version	Production Version	Date	Remarks
V3 R4.0.1_004	M-EMG/IMG/OMG 3.4.0.1.004	2025-01-14	OpenScape Business V3 R4.0.1_004 HF3 Release
V3 R4.0.0_593	M-EMG/IMG/OMG 3.4.0.0.593	2025-01-24	OpenScape Business V3 R4.0.0_593 GA update Release
V3 R4.0.1_005	M-EMG/IMG/OMG 3.4.0.1.005	2025-01-28	OpenScape Business V3 R4.0.1_005 HF4 Release
V3 R4.0.1_006	M-EMG/IMG/OMG 3.4.0.1.006	2025-02-11	OpenScape Business V3 R4.0.1_006 HF5 Release
V3 R4.0.1_007	M-EMG/IMG/OMG 3.4.0.1.007	2025-02-25	OpenScape Business V3 R4.0.1_007 HF6 Release
V3 R4.0.1_008	M-EMG/IMG/OMG 3.4.0.1.008	2025-03-11	OpenScape Business V3 R4.0.1_008 HF7 Release
V3 R4.0.1_011	M-EMG/IMG/OMG 3.4.0.1.011	2025-03-27	OpenScape Business V3 R4.0.1_011 HF8 Release

Note: List of all released software versions since [major] or [minor] software release in SWS

2. Changes

	<p>Administrator and User manuals in all available languages are hosted online on Nuxeo server. The Admin portal / Service Center contains according links to all documents. This requires internet access.</p>
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2.1. Implemented Change Requests / New features

Tracking Reference	Internal Reference	Summary	Released in Version
	OSBIZ-61438	Security Enhancements V3R4	V3 R4.0.0

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Tracking Reference	Internal Reference	Summary	Released in Version
	OSBIZ-52854	OpenSSL V3.0 LTS	
	OSBIZ-27955	SLES 15 Support: OSBiz S and UC Booster Server	
	OSBIZ-61353	ITSP topics V3R4 - updated profiles	
	OSBIZ-62936	Numbering Plan adaptation for Belgium	
	OSBIZ-63079	Direct Media and Payload Encryption for Unify Phone	
	OSBIZ-64429	Unify Phone control for myPortal for Teams and myAgent (uaCSTA)	
	OSBIZ-44245	myPortal for Teams mobile GUI optimizations	
	OSBIZ-61564	LDAP access to OSBiz Global Directory (ODS enhancement)	
		<p>Customer tickets improvements:</p> <ul style="list-style-type: none"> - FT_V3R2FR1, PRB000063169, PRB000077430, PRB000077186 - Show recent contacts in favorite parameter is not synced between myPortal for outlook and myPortal for desktop - PRB000067846 - Security Issue - HTTP Strict Transport Security Not Enabled - PRB000077523 - Hanging myAgent clients after update to V3 MR3.1.1_009 - PRB000067828 - Update jquery on NextGenLasAssistant (WBM -> UC Smart) - PRB000067828 - Update jquery accordingly in our system due to Security Vulnerabilities - Part 1 - PRB000067828 - Update jquery accordingly in our system due to Security Vulnerabilities - Part 2 - PRB000071706 - MyPortal for outlook: External directory search performance improvement 	

2.2. Resolved Reported Problems / Symptoms

2.2.1. Resolved Problems in V3R4 HF8 (011)

Tracking Reference	Internal Reference	Summary	Released in Version
PRB000080783	OSBIZ-67651	SLES15 update conflicts after UC Booster server installation	V3 R4.0.1
PRB000081497	OSBIZ-68510	Randomly, analog ports become out of service (no tone)	
PRB000081835	OSBIZ-68156	LAN 3 (Admin) port - Ethernet-Link -Mode cannot be changed	
PRB000082450	OSBIZ-68631	ODS LDAP won't fetch/display Business phone number from the Global Directory	
PRB000082483	OSBIZ-68508	When a user records a message for a Voicemail profile, it cannot be seen in WBM of UCSuite	
PRB000082533	OSBIZ-68650	myAgent transfer popup not closed automatically	
PRB000082841	OSBIZ-68817	When connecting "Call Me" to a busy extension, there is no busy signal.	
PRB000082130	OSBIZ-68345	myAgent is not available in BackUp Group and Contact Center	

2.2.2. Resolved Problems in V3R4 HF7 (008)

Tracking Reference	Internal Reference	Summary	Released in Version
FT_V3R4, PRB000080852	OSBIZ-67022	Email notification for voicemail or fax is not sent by UC server	V3 R4.0.1
PRB000078183, PRB000080767, PRB000082608	OSBIZ-65221	SQL connection failing on all 7 slave nodes back to Master. [cfp]	
PRB000079175, PRB000082368, PRB000082221, PRB000082438	OSBIZ-67100	UP user cannot be deleted/edited when mail has capital letters	
PRB000081460, PRB000080967	OSBIZ-67801	Unexpected restart due to POWER DOWN or WATCH DOG or KERNEL OOPS [tam]	
PRB000081730, PRB000082039, PRB000081796	OSBIZ-68068	ODS connector using Native SQL Driver on X8 OCCLA returns "database access failed" with configuration greyed out not able to activate	
PRB000082037	OSBIZ-68210	No call signaling on the Unify Phone when in MULAP	
PRB000082062	OSBIZ-68171	LDH crash when updating from V3R3.2.1_008 to V3R4.0.1_005	

2.2.3. Resolved Problems in V3R4 HF6 (007)

Tracking Reference	Internal Reference	Summary	Released in Version
FT_V3R4, PRB000080679	OSBIZ- 67026	After upgrading X8 OCCLA to V3R4, the ODBC connector is not working anymore for an Excel datasource	V3 R4.0.1
PRB000078989	OSBIZ- 65699	DID number is not automatically filled out at DECT extensions.	
PRB000079579	OSBIZ- 66249	The MoH file is not part of the full backup set	
PRB000080435	OSBIZ- 66651	The Contact Center is not working anymore.	
PRB000080481	OSBIZ- 67657	Fax journal overview is not possible	
PRB000080626	OSBIZ- 68195	MyPortal for Outlook prevents Outlook from starting	
PRB000081475	OSBIZ- 68196	myAgent Wrap-up box is not saved when the agent has the level "Agent" - followup	
PRB000081880	OSBIZ- 68094	MyPortal for Desktop shows contacts of other users	
PRB000081235	OSBIZ- 67904	No busy tone when calling from Callme to busy Callme subscriber	
PRB000081463	OSBIZ- 68197	myAgent Wrap-up (work time period) timer is started for abandoned calls	
PRB000081576	OSBIZ- 67735	Ecotel sipTrunk 2.0 not "pre-defined	
PRB000080417	OSBIZ- 67229	:SIP-DECT with OSBiz - the feedback in the handset is confusing	

2.2.4. Resolved Problems in V3R4 HF5 (006)

Tracking Reference	Internal Reference	Summary	Released in Version
FT_V3R4, PRB000080592	OSBIZ- 67918	UC Suite Directory no signaling icon	V3 R4.0.1

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Tracking Reference	Internal Reference	Summary	Released in Version
PRB000078378	OSBIZ-67975	Fax transmission fails to some external phone numbers	
PRB000080014	OSBIZ-68081	One way speech since upgrading OSBizS to V3R3.2.0_553	
PRB000078611	OSBIZ-67967	Incorrect display of Russian language after upgrade to V3 R3.2.0_550	
PRB000079277	OSBIZ-67921	Permanent system message on the client PC: "CommunicationsClients has finished updating your computer, you may restart your applications"	
PRB000079761	OSBIZ-67917	Missing of TCP-Dump file 5 - 9 on WBM view	
PRB000081263	OSBIZ-67976	Sporadic one way payload after upgrading to private production	
PRB000081280	OSBIZ-67919	MyAgent crashes sporadically	
PRB000081361	OSBIZ-67923	To-Header and Contact-Header investigation	
PRB000081433	OSBIZ-67930	X1 system failure with restart required to remedy the issue	
PRB000081674	OSBIZ-67933	OSBIZ S installation fails without any error message	

2.2.5. Resolved Problems in V3R4 HF4 (005)

Tracking Reference	Internal Reference	Summary	Released in Version
FT_V3R4, PRB000080373	OSBIZ-67356	Key Programming display errors for the üß characters	V3 R4.0.1
PRB000079575	OSBIZ-67725	Sporadically, CMS ports get stuck in the OSBiz	
PRB000080019, PRB000080908	OSBIZ-67668	Unify Phone cannot be set up "Unify Phone ITSP entry is missing." appears in wizard	
PRB000080481	OSBIZ-67657	Fax journal overview is not possible	
PRB000080922	OSBIZ-67656	No function of the station flag "FWD external permitted"	
PRB000080998, PRB000081416	OSBIZ-67652	WBM : In the licence management, no scroll bar is displayed	

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Tracking Reference	Internal Reference	Summary	Released in Version
PRB000081074, PRB000081045	OSBIZ-67719	Lost configuration after upgrading OpenScape Business S systems to V3R4	
PRB000081076	OSBIZ-67653	0 is still available in LCR/multisite when system is initialized in Belgium	
PRB000081207	OSBIZ-67658	Not possible to upload files to UCSuite on X1W system, nor use the existing ones in VSL schedules	
PRB000081271	OSBIZ-67655	Disk monitoring: 95% of disk capacity 'OCCE:/mnt/persistent/trace_log' reached.	

2.2.6. Resolved Problems in V3R4 HF3 (004)

Tracking Reference	Internal Reference	Summary	Released in Version
FT_V3R4, PRB000080230	OSBIZ-67352	WBM(German version):The german translation of the sentence : "Deploy Canonical Dial Settings to phones" is missing	V3 R4.0.1
FT_V3R4, PRB000080337	OSBIZ-67355	Cannot delete the station number from the Agent ID	
FT_V3R4, PRB000080881	OSBIZ-67385	Key Module 410 is not working	
FT_V3R4, PRB000080200	OSBIZ-67351	If multiple wrap up codes are used, the agent cannot select the second group	
PRB000076632, PRB000079912	OSBIZ-67386	System in boot loop after VLAN tagging	
PRB000077701	OSBIZ-65650	Problems with the ASC registration software	
PRB000078907	OSBIZ-67342	Cannot access the Open directory service and Web services assistant in WBM	
PRB000079497	OSBIZ-67348	Calls stuck in queue or pending state, X8 with OSCC	
PRB000079556	OSBIZ-67341	Payload lost after redirect call between network nodes	
PRB000080814	OSBIZ-67340	Key modules on OpenStage 30T not working	

2.2.7. Resolved Problems in V3R4 HF2 (003)

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Tracking Reference	Internal Reference	Summary	Released in Version
PRB000078254	OSBIZ-67090	Incorrect presence in UCsuite when UP user shares his screen in Teams	V3 R4.0.1
PRB000078846	OSBIZ-67095	myPortal for Outlook- Wrong Journal entry on transfer scenario for unknown caller	
PRB000079604	OSBIZ-67091	UC Suite User Directory - not possible to Edit a user	
PRB000079635	OSBIZ-67097	Payload issue on internal calls to HFA with active ring group with a UP user	
PRB000079974	OSBIZ-67096	It is not possible to call from MyPortal for Desktop using Openscape Personal Edition SIP User when you are in a MULAP group.	

2.2.8. Resolved Problems in V3R4 HF1 (002)

Tracking Reference	Internal Reference	Summary	Released in Version
FT_V3R4, PRB000079935	OSBIZ-66990	If WBM is not used for a while the page is greyed out instead of being logged of	V3 R4.0.1
FT_V3R4, PRB000080100	OSBIZ-66991	The information from the note field is no longer available after the backup	
FT_V3R4, PRB000080166, PRB000080332	OSBIZ-66992	Issues after restoring the back up on a newly installed SLES15SP6,	
FT_V3R4, PRB000080327	OSBIZ-66994	Trunks-Routing/Route: Location number changes	
PRB000077322	OSBIZ-66952	Clarify the Expansion Level Stations/Users for X1R	
PRB000077834	OSBIZ-66953	Incorrect forwarding	
PRB000080118	OSBIZ-66944	DSP channels still blocked - No DSP interrupt for 150ms	
PRB000080558	OSBIZ-66955	Syslog Forwarding stops after software upgrade	

2.2.9. Resolved Problems in 592

Tracking Reference	Internal Reference	Summary	Released in Version
FT_V3R4, PRB000080597	OSBIZ-66904	When changing the "call forwarding" timer in a CDL list it seems to be changed for every CDL list	V3 R4.0.0

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Tracking Reference	Internal Reference	Summary	Released in Version
FT_V3R4, PRB000080337	OSBIZ-66630	Cannot delete the station number from the Agent ID	

2.2.10. Resolved Problems in 591

Tracking Reference	Internal Reference	Summary	Released in Version
PRB000077790	OSBIZ-64690	Incorrect functionality when using the telephone line mode in combination with call forwarding.	V3 R4.0.0

2.2.11. Resolved Problems in 590

Tracking Reference	Internal Reference	Summary	Released in Version
PRB000072710	OSBIZ-59902	Admin cannot set "Receive calls" on Agents that forget wrapup window open	V3 R4.0.0
PRB000075845	OSBIZ-63018	UC Suite - File Upload: you can create an announcement without a filename	
PRB000075805	OSBIZ-62734	Hanging calls in myAgent	
PRB000076365	OSBIZ-63827	Call from MS Teams user to an external with redirection to another MS Teams user cannot be completed	
PRB000076877, PRB000076899, PRB000076894	OSBIZ-64003	MyPortal to go Android: not possible to dial via dialpad after upgrade of Android to the latest version	
PRB000077011	OSBIZ-63844	Fax Printer - newly created personal contacts are not visible	
PRB000077064	OSBIZ-63843	Not possible to enter a phone number in E164 format for the extra phone numbers of a UCSuite user	
PRB000076982	OSBIZ-63842	Fax Printer Contrast Problem in Dark Mode	
PRB000076935	OSBIZ-63770	Boot loop after upgrade for an X3 OCCMAR that had a recent IP change	
PRB000076289	OSBIZ-63767	MyAgent caller history data is missing	
PRB000076902, PRB000076903	OSBIZ-63710	After disabling instant messaging in UC, MyAgent is still able to start an instant message from the Attendant buttons	
PRB000076079	OSBIZ-63322	Unexpected system's restart.	
PRB000075233	OSBIZ-62701	Issue with the annual Recurrence Schedules	

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Tracking Reference	Internal Reference	Summary	Released in Version
PRB000074033	OSBIZ-63766	Sporadically some calls don't reach an agent but stay hanging in queue (Contact Center: OSCC/CMS V11) [crit]	
PRB000076100, PRB000076179	OSBIZ-63510	No audio when agents answer transferred calls	
PRB000074838	OSBIZ-61999	MoH suddenly stops working. To get it up an running again, system restart is needed.	
PRB000077429	OSBIZ-64292	MyAgent - Call recording cannot be switched off	
PRB000077556	OSBIZ-64244	It is not possible to dial with 0 in FAX printer	
PRB000077438	OSBIZ-64119	After upgrading to v3_R3.2.0_548, greeting recording for UCSuite is not working anymore	
PRB000077469, PRB000077991, PRB000078121	OSBIZ-63821	MyAgent: When the button "Admin" is selected, WBM can't be opened successfully	
PRB000077300	OSBIZ-64301	No signaling in Auto Attendant (UC Suite)	
PRB000076353	OSBIZ-63527	Unify Phone Connectivity under Wizards is shown as Disabled	
PRB000077406	OSBIZ-64574	Several core logs in HUSIM Main environment	
PRB000077876	OSBIZ-64573	WBM layout of exceptions in the time schedules is not correct when too many exceptions are used.	
PRB000077638, PRB000077860	OSBIZ-64403	UC-Suite user directory search shows wrong result	
PRB000077703	OSBIZ-64359	myPortal for Outlook - popup buttons are greyed out on transferred calls	
PRB000077372, PRB000078039	OSBIZ-64287	MyAgent displays the working time immediately after accepting the call	
PRB000077396, PRB000077523, PRB000077939	OSBIZ-64053	MyAgent - lack of responsiveness and slow performance	
PRB000076636	OSBIZ-63625	MyAgent notes are not saved after closing the window	
PRB000077334	OSBIZ-64689	VoIP of myPortal @work failed for almost all users	
PRB000077890	OSBIZ-64599	System restarted when dialing a number in Austria.	
PRB000077544	OSBIZ-64536	System Restart due to process failure	
PRB000076763	OSBIZ-64699	Busy tone when calling myPortal @work extension.	
PRB000077860, PRB000078047, PRB000078024	OSBIZ-64509	Incorrect name display	
PRB000077019, PRB000078137	OSBIZ-64319	Unify Phone - Dialing with the format + and "country code" is not possible	
PRB000078252	OSBIZ-64895	Myportal for desktop closed Outlook	
PRB000078230	OSBIZ-64847	WBM: Not possible to change the status to "sick or holiday"	
PRB000078957	OSBIZ-64703	myContacts problem uploading contact's pictures	

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Tracking Reference	Internal Reference	Summary	Released in Version
PRB000076851, PRB000077096, PRB000077315, PRB000077933	OSBIZ-63796	MyPortal for Outlook delays the start of Outlook	
PRB000078675	OSBIZ-65262	System Restart because of missing FP	
PRB000078646	OSBIZ-65239	UC Suite not accessible after setting OAuth2.0 in the Contact Center queue	
PRB000078395	OSBIZ-65146	WBM in Dutch-Translation error in media server trace	
PRB000076954	OSBIZ-63774	Native SIP trunk in the OSBiz cannot be reactivated	
PRB000072696	OSBIZ-65422	Calls are delivered when logging in via Agent Portal Web	
PRB000078159	OSBIZ-64905	Missing entries per page and next page	
PRB000077865	OSBIZ-64582	Profile assignment is not possible for some station types	
PRB000077342	OSBIZ-64370	Polish characters Ś and Ć are not accepted in WBM	
PRB000077005, PRB000076100, PRB000076179	OSBIZ-63988	Occasionally, no payload in attended transfer	
PRB000077084	OSBIZ-63825	While On-Hold the "New Call" (and others) option is not working on Unify Phone	
PRB000078806	OSBIZ-65412	myPortal vs myPortal for Desktop: different view when CallMe is active	
PRB000078018	OSBIZ-64908	New entries in the external directory and the ID is not increased.	
PRB000078970	OSBIZ-65469	System Restarted Due to Process Failure	
PRB000077935	OSBIZ-64761	In UCSuite, the IVR is never called if it is defined in a user's CDL	
PRB000077701	OSBIZ-64859	Problems with the ASC registration software	
PRB000078846	OSBIZ-65441	myPortal for Outlook- Wrong Journal entry on transfer scenario for unknown caller	
PRB000077871	OSBIZ-65160	Unify Phone - Single-digit extension cannot be dialed	
PRB000074896, PRB000074004	OSBIZ-62114	Faxes cannot be sent via SIP Trunk [CMS-6371]	
PRB000074620	OSBIZ-61935	myPortal - Conference Meetings lock up & become inaccessible (UC/system restart needed)	
PRB000074199	OSBIZ-61463	The chat window does not open correctly for some users.	
PRB000078570	OSBIZ-65442	myPortal for Teams fails to login	
PRB000074493	OSBIZ-61709	OSBizS (Master) license does not work after reinstalling and importing backup	
FT_V3R3, PRB000068630	OSBIZ-55566	System restart due to 'missing CLA'	
PRB000072043	CLS-6914	After updating to V3R3_462, the locking ID changes in OSBiz S Systems	

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Tracking Reference	Internal Reference	Summary	Released in Version
PRB000078551	OSBIZ-65233	When activating a license for CLS Connect, the old port 7790 is used instead of the new 7791	
PRB000077939	OSBIZ-64611	Queue calls are not distributed in myAgent	
PRB000079269	OSBIZ-65672	LDAP connection failure with VSL	
PRB000079156	OSBIZ-65634	myAgent-a call is shown in the call list as recorded although it is not	
PRB000079154	OSBIZ-65633	myAgent-Call recording cannot be stopped	
PRB000077969	OSBIZ-64829	The transfer to an internal user follows the "day" of the CDL and not the intern CDL	
PRB000077328	OSBIZ-64114	myAgent: Agents cannot answer calls when Screenpop is enabled	
PRB000076411, PRB000079550	OSBIZ-63569	UC-Suite Fax: failure SIP negotiation by called Party [CMS-6389]	
PRB000078135	OSBIZ-65142	Unify phone: when a call is put on hold and the caller ends the call, UP is blocked	
PRB000078769	OSBIZ-65817	Increase of RAM usage on terminal server	
PRB000078080	OSBIZ-65151	Vulnerability in Log4j (jHPT)	
PRB000073548	OSBIZ-61211	No MOH with gateway call between X5R OCCMAR and OSBiz S	
PRB000078204	OSBIZ-65944	myPortal for Outlook: Sporadically Journal entries do not Load until restart	
PRB000076183	OSBIZ-63267	No response from the system every 4 1/2 to 5 hours	
PRB000079231	OSBIZ-65655	OpenStage 40 is blocking in specific scenario	
PRB000078259	OSBIZ-65401	Call remains in the huntgroup	
PRB000078949	OSBIZ-65941	X5 Restart due to Process (FP) Failure	
PRB000078404	OSBIZ-65165	WBM- ISDN parameter is missing in menu	
PRB000079362	OSBIZ-66095	Newly created groups in OSBiz are visible in myPortal Desktop/Outlook only after restart.	
PRB000076035	OSBIZ-63521	'Pickup - group?' message stayed on TDM display although there is no call on the system at the time	
PRB000079439	OSBIZ-66307	By default, the Internal Directory shows UCD groups	
PRB000079499, PRB000079527, PRB000080084	OSBIZ-66209	Some menus in WBM are not accessible after upgrade	
PRB000075132	OSBIZ-63493	The tab "Edit station parameters" cannot be opened sporadically	
FT_V3R4, PRB000080089	OSBIZ-66417	Voicemail language Dutch Belgium	
FT_V3R4, PRB000080235	OSBIZ-66467	System restart while downloading logs	

Release Notes

Tracking Reference	Internal Reference	Summary	Released in Version
PRB000079090	OSBIZP-4593	myPortal @work: not possible to reconnect without reentering the pwd	
PRB000078198	OSBIZP-4565	myPortal @work: after fresh installation on MAC, the icon remains green	
PRB000077458	OSBIZP-4540	UC Smart Assistant: double connections of myPortal @work	

2.3. Resolved Vulnerabilities

Tracking Reference	Internal Reference	Severity Level	Summary	Released in Version
OBSO-2408-01	n/a	CVSS3.1 Base score: 4.9 (Medium)	Unify OpenScape Business Sensitive information disclosure Vulnerability	V3 R4.0.0
CVE-2024-7348	OSBIZ-65242	High	PostgreSQL pg_dump Relation Type Manipulation Time-of-check Time-of-use (TOCTOU) Race Condition Remote Code Execution (CVE-2024-7348)	
CVE-2024-37370	OSBIZ-64696	Medium	MIT Kerberos 5 (krb5) lib/gssapi/krb5/k5sealv3.c / k5sealv3iov.c Multiple Function GSS Message Token Handling Extra Count Field Manipulation Remote Token Truncation (CVE-2024-37370)	
CVE-2024-37371	OSBIZ-64692	High	MIT Kerberos 5 (krb5) lib/gssapi/krb5/k5unsealiov.c kg_unseal_iov_token() Function GSS Message Token ASN.1 Wrapper Parsing Invalid Memory Read Remote DoS (CVE-2024-37371)	
CVE-2024-4741	OSBIZ-63824	High	OpenSSL ssl/ssl_lib.c SSL_free_buffers() Function Record Processing Use-after-free Arbitrary Code Execution (CVE-2024-4741)	
CVE-2024-2511	OSBIZ-62960	Medium	OpenSSL Improper TLSv1.3 Session Cache Handling Memory Exhaustion Remote DoS (CVE-2024-2511)	
CVE-2024-2961	OSBIZ-62959	High	GNU C Library (glibc) iconvdata/iso-2022-cn-ext.c BODY() Macro String Conversion Buffer Overflow DoS (CVE-2024-2961)	
CVE-2024-25710	OSBIZ-61349	Medium	Apache Commons Compress DUMP File Handling Infinite Loop DoS (CVE-2024-25710)	
CVE-2024-25062	OSBIZ-61343	High	Libxml2 xmlreader.c xmlTextReaderRead() Function Use-after-free Arbitrary Code Execution (CVE-2024-25062)	
CVE-2024-0727	OSBIZ-60610	High	OpenSSL PKCS7 ContentInfo Fields Handling NULL Pointer Dereference DoS (CVE-2024-0727)	
CVE-2023-26159	OSBIZ-60570	Medium	follow-redirects Package for Node.js index.js request() Function Hostname Spoofing (CVE-2023-26159)	

CVE-2023-3446	OSBIZ-56922	Medium	OpenSSL crypto/dh/dh_check.c DH_check() Function DH Key / Parameter Handling DoS (CVE-2023-3446)
CVE-2023-2650	OSBIZ-55403	High	OpenSSL crypto/objects/obj_dat.c OBJ_obj2txt() Function ASN.1 Object Identifier Translation Quadratic Complexity CPU Consumption DoS (CVE-2023-2650)
n/a	OSBIZ-54812	High	libxslt attrvt.c xsltCompileAttr() Function Memory Allocation Failure Use-after-free Unspecified Weakness
CVE-2011-1473	OSBIZ-50909	Medium	OpenSSL SSL/TLS Renegotiation Saturation Remote DoS (CVE-2011-1473)
CVE-2022-31160	OSBIZ-47900	Medium	WebServices - jQuery UI ui/widgets/checkboxradio.js _getCreateOptions() Function Text Label Re-evaluation XSS (CVE-2022-31160) 6.10
CVE-2022-31160	OSBIZ-47899	Medium	portal - jQuery UI ui/widgets/checkboxradio.js _getCreateOptions() Function Text Label Re-evaluation XSS (CVE-2022-31160) 6.10
CVE-2020-11022	OSBIZ-32096	Medium	jQuery jQuery.htmlPrefilter() Method XHTML-compliant Closing Tags Handling XSS (CVE-2020-11022)
CVE-2020-11022	OSBIZ-32090	Medium	jQuery jQuery.htmlPrefilter() Method XHTML-compliant Closing Tags Handling XSS (CVE-2020-11022)
CVE-2020-11023	OSBIZ-32089	Medium	jQuery DOM Manipulation Methods Option Element Handling XSS (CVE-2020-11023)
CVE-2019-11358	OSBIZ-26442	Medium	jQuery Core core.js jQuery.extend() Function Object Prototype Manipulation XSS - (CVE-2019-5428, CVE-2019-11358)
CVE-2010-5312, CVE-2012-6662, VulnDB-154225	OSBIZ-20079	Medium	jQuery several vulnerabilities (AdminPortal)
CVE-2010-5312, CVE-2012-6662, VulnDB-154225, VulnDB-152422	OSBIZ-19782	Medium	jQuery relevant vulnerabilities (OSBiz WebServices)

Note: It is strongly recommended applying the fix version if it includes resolved vulnerabilities.

Product Security Advisories

The Product Security Team of Mitel publishes Security Advisories to address security issues and how to mitigate or solve them. Subscribe to receive e-mail notifications for new Security Advisories (see: [Security Advisories \(mitel.com\)](https://www.mitel.com/security-advisories)).

3. 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.

3.1. Important Issues / Information

- **RSP default access via Edge**
RSP platform is using as default browser Edge. Some OpenScape Business admin pages may not run properly with Edge and in that case, you may choose Internet Explorer browser instead until the issue is fixed.

- **Possibility to have duplicate entries in RSP servers when using backup/restore with RSP credentials.**

When setting up a new system by

1. cloning an existing system with active RSP as the base or restoring the configuration data of another existing system (e.g., hardware migration)
2. replacing due to hardware failure

please consider the following important hints:

1. If a new system is set up via cloning or via data restore (migration), where the original system had Remote Service Platform (RSP) access configured, it must be ensured that the cloned/restored system does not have the same RSP configuration active.
For this reason, it is important to deactivate / uninstall the RSP before cloning / backing up the original system.
2. If a system is replaced due to hardware failure via data restore, where the original system had Remote Service Platform (RSP) access configured, it must be ensured that the restored system does not have the same RSP configuration active. Before connecting back to Internet, the RSP must be deactivated / uninstalled.
For this reason, it is important backing up from the original system without Internet access to RSP.

Otherwise, there will be multiple systems using the same certificate for connection to RSP, so that the certificate will get revoked rendering all these OpenScape Business systems to be unable to connect to the RSP service.

- **OpenScape Business S and Booster Server**
The new release is **not** fully **compatible** with **SLES 12 SP3** anymore.
- **SmartVM hunt group additional V3 ports on update configuration**
During migration/update from V2 to V3, the additional EVM ports are not additionally included in the SmartVM hunt group. However, this requires manual configuration (see Administrator Documentation, chap. 8.11), during which one could and should also make the COS restriction.

- **UC Suite trunks additional V3 channels handling after migration from V2 mainboard**
To enable the additional Middleware (MEB) Trunk channels for V3 mainboards please re-run Basic Installation Wizard and press "Execute function" in the relevant step, "Automatic Configuration of Application Suite". Then a restart of the UC application is needed.
- **myPortal @work as CTI client on Windows Terminal server**
The system administrator should perform for Windows Terminal Server machines the following actions. When deploying the application, the administrator needs to share the following folder with all users:

"%localappdata%/Programs/myPortalAtWork"

or

"C:\Users\<USER>\AppData\Local\Programs\myPortalAtWork"

This can be achieved by right clicking the myPortalAtWork folder and selecting the "Share with ..." entry.

In there just share it with everybody and grant the access to open it.

- **myPortal for Outlook**
Starting with V3R2 FR1 myPortal for Outlook requires .NET Framework >= 4.8. If not installed, the installation will finish w/o success. Information of the installed .NET Framework can be obtained via the registry editor path: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\NET Framework Setup\NDP\v4\Full.
Furthermore users need access to the path: %userprofile%.
- **Outlook plugin gets deactivated when Outlook is started**
Please check the following registry entries and if they exist, it is recommended to delete them.
 - HKEY_CURRENT_USER\Software\Microsoft\Office\Outlook\Addins\OLI2010
 - HKEY_CURRENT_USER\Software\Wow6432Node\Microsoft\Office\Outlook\Addins\OLI2010In case the problem still exists, further investigation is required.
- **myPortal for Teams (MS Teams plugin)**
MS Teams tab prevents loading web content from a server that uses self-signed certificates. This is a security aspect and the use of self-signed certificates is essentially an unsafe practice as this interface is exposed to the internet.

Therefore, a Microsoft Trusted certificate must be installed in the system - please refer also to admin documentation, chapter: How to Import Server Certificates

For test purposes only: Although not permitted for operational use, the OpenScape Business self-signed certificate could be installed manually in a Windows PC using MS Teams plugin, into the Trusted Root Certificates Store.

- **Let's Encrypt**

Let's Encrypt is available via an Admin Portal Wizard (Setup - Cloud Services - Let's Encrypt). It allows to automatically obtain, install, and renew trusted (domain-validated) SSL certificates which are used for Admin Portal and other OpenScape Business Web services. Let's Encrypt is the simplest approach to obtain a trusted SSL certificate, but it has some restrictions - therefore it is not suitable for every customer setup.

Functional Requirements

- Let's Encrypt requires a public domain name for the OpenScape Business. Let's Encrypt certificates cannot be requested for public or private IP addresses. To establish a trusted connection to a Web service, the OpenScape Business must be addressed via the public domain name. If you connect locally to an OpenScape Business system via LAN IP address, then the certificate will not be suitable to let the web browser identify the connection as trusted.
- In the company firewall, a port forwarding for TCP/80 towards OpenScape Business must be configured. This is required for certificate validation during the initial certificate installation process, and every 60-90 days for certificate renewal. OpenScape Business will open port TCP/80 on demand for only a few seconds. The rest of the time the port will be closed for security reasons. In outbound direction, TCP/443 (HTTPS) will be used to contact the Let's Encrypt server.
- Let's Encrypt is ideal for environments where only one single OpenScape Business system shall be addressed via a domain name. If you need to share a domain name for multiple OpenScape Business systems in a single customer network, then the fully automatic approach will work only for one OpenScape Business system, while manual certificate update may be required on the other systems.
- Let's Encrypt is ideal to be used for the OpenScape Business V3 mainboard family and Server based systems. For the OpenScape Business V2 mainboard family, secure access via the domain name to a Booster Card / Booster Server (e.g., access to web-based management for UC Suite / ODS) is also supported. This can be utilized by adding a secondary domain name (subject alternative name) for the Booster Card/Server in the Let's Encrypt certificate. Such a certificate will be auto installed on the Booster Card/Server as well. Please note that for Admin Portal access via the domain name from a remote network, an additional port forwarding needs to be configured in the router: from external port TCP/8830 to internal Booster Card / Server IP address, port TCP/443.
- If the Let's Encrypt certificate is used with Microsoft Teams interworking, then please make sure that the same domain name is used for the SSL certificate and in the MS Teams wizard. Please note that the MS Teams related communication will always be done via Internet / public domain name in this case. If that is not desired due to the customer infrastructure (e.g. local SBC), then a trusted SSL certificate of another certificate authority without the above mentioned restrictions should be chosen.
- Let's Encrypt is released for Internet access if WAN interface is not used (LAN only) (https://wiki.unify.com/images/8/8c/How_To_Configure_LAN_WAN_Interface_for_VoIP.pdf).

- **control Unify Phone from OpenScape Business UC clients (3rd-pty CTI control for Unify Phone)**

3rd-pty CTI control for Unify Phone is available for the following onboard UC Clients:

- UC Smart mode: myPortal @work
- UC Suite mode: myPortal @work, myPortal for Desktop, myPortal for Outlook, myAttendant, myAgent and myPortal for Teams

Functional Requirements

- activating DND on UC client is not visible at Unify Phone
the DND is activated but Presence states sync between OpenScape Business and Unify Phone is part of the roadmap and not yet available

- for MULAP the initial CTI control (MakeCall, AnswerCall) is handled via the Deskphone, the call can afterwards be moved to the Unify Phone client
- 3rd-pty CTI control shall not be used for the mobile App and Alternative number
- **Unify Phone: UMC – Unify Management Center**
Only the OpenScape Business Unify Phone user instance wizard allows to edit the Unify Phone Clients configuration including the deletion of a Unify Phone User instance. Changes via the UMC will either not be handled, must be reconfigured in the OpenScape Business or corrupt the OpenScape Business database.
- **CloudLink connectivity for OpenScape Business**
The access to CloudLink requires access Mitel tool landscape (MiAccess) and currently covers inventory support.

3.2. Workarounds, Hints

- For OpenScape Business V3R4 and upcoming releases please use at least Manager E V10 R3.17.0.
- Please take into consideration that software on storage media SDHC / M2.SATA SSD cards coming from the factory or from another stock may contain outdated software. Therefore, we recommend checking if newer versions are available and upgrade to latest software release. For a smooth license migration, it is recommended to activate CLS Connect before migrating V2 to V3 software. For systems without CLS Connect an upgrade license is required and the rules described in the admin documentation must be followed.

Note: The connections to the Central License Server (CLS) will be restricted to TLS 1.2 This update of the Central License Server requires an update of the OpenScape Business System to V3.

After migration from SW-version V2R7 to V3R3 with V3 mainboard within WBM the appropriate UC application package for the system (UC Suite or UC Smart) must be configured before the Backup set can be restored.

- For correctly configuring the communication clients on migration from a V2 mainboard with OCAB / UC Booster Server to the V3 mainboard with UC application, all UC Clients should be re-installed and during the UC client installation, the new IP address should be configured. This is a mandatory step to have the Auto Update mechanism configured properly.
- Changes to Microsoft Exchange: according to <https://docs.microsoft.com/en-us/exchange/clients-and-mobile-in-exchange-online/authenticated-client-smtp-submission> the SMTP AUTH is disabled by default at Office 365 for security reasons. Two things are now needed on the exchange configuration that were not needed in the past.

One is the activation of SMTP AUTH on office 365 exchange server and second is the impersonation of the users. About the impersonation of the users the following link will help: <https://docs.microsoft.com/en-us/exchange/client-developer/exchange-web-services/how-to-configure-impersonation>

Further information about the configuration of OAuth 2.0 can be found under the following link: https://wiki.unify.com/wiki/OpenScape_Business#Microsoft_Exchange_Server

- **Certificate renewal for the use of CLS Connect**
As of this release, a new CLS certificate with an updated Common Name (CN), enhanced/stronger CA signature digest algorithm, plus updated legal entities is provided now via a newly introduced port.
Systems licensed online via CLS Connect mode, require the following two prerequisites:
 - IP 188.64.16.4 is released for outgoing IP traffic on customer's firewall
 - Ports 7780 and 7791 are also released for outgoing IP traffic on the firewall

Remark: The old port 7790 that was pointing to the old certificate, can be removed from firewall's configuration following the upgrade to V3R3 and for stronger security.

- **Info on the image file size**

- Manuals have been replaced by online download links.
- Phone software images of discontinued devices (e.g. DeskPhone IP 35/55) have been removed. If still needed, they can be manually uploaded via Admin Portal for distribution to the device.

No longer supported features from V2 / V3

Function	Supported with V3 Mainboards	Supported with V2 Mainboards	Supported with OSBiz S / UC Booster Server
Xpressions Compact cards	---	---	n/a
Optipoint 5xx device family	---	✓ ⁽¹⁾	n/a
Optipoint 4xx device family	---	✓ ⁽¹⁾	✓ ⁽¹⁾
Gateview	---	---	---
myPortal Smart Client	---	✓ ^{(1) (2)}	✓ ^{(1) (2)}
TAPI 120 WSI	---	✓	---
Remote access via ISDN with PPP (RAS)	---	✓ ⁽¹⁾	n/a
XMPP service	---	---	---
myPortal for OpenStage	---	---	---
VPN termination via WAN Interface	---	---	---
Novell SLES 11 SP4	n/a	n/a	---
Novell SLES 12 SP3	n/a	n/a	---
ESXi 5.5	n/a	n/a	---
Xpressions ¹⁾	---	---	n/a

--- not supported

¹⁾ Existing installations will not be blocked. Unify does not provide technical support anymore.

²⁾ SW is no longer available in the Download Center of the System Administration Portal. The successor is myPortal @work.

3.3. Restrictions

3.3.1. Restrictions on this release

Tracking Reference	Internal Reference	Summary	Workaround / Actions
	OSBIZ-65930	MyAgent with Unify Phone When a supervisor joins an agent's call(intrusion), neither of the users can terminate the intrusion from the Assistance window. It is only possible from the UP client of the supervisor to drop out of the call.	The supervisor needs to drop the intrusion via UP client.
	OSBIZ-65148	MyAgent with Unify Phone Silent monitoring is not supported for supervisor together with UP.	No workaround available yet
	OSBIZ-64636	Unify Phone DND activation on the phone side is not signaled at the Unify Phone client.	No workaround available yet

3.3.2. Restrictions from previous release

Tracking Reference	Internal Reference	Summary	Workaround / Actions
		Unify Phone Directory search lists MULAP members and FAX numbers which should not be visible. Unneeded numbers can be disabled via Station flags: Entry in telephone directory.	The visualization for "Number validation" of network systems might not be finalized automatically. In such a case please close the wizard and reopen again to verify the update.
PRB000074512	OSBIZ-61600	System Traces In rare cases when you are trying to download system traces the following error appears " tgz-archive is damaged (Error: "Unexpected end of data")".	Despite the "Unexpected end of data" message, the data can in fact be fetched and the tgz file is usable.
	OSBIZ-54488	myPortal @work Call History / Journal is not synchronized between myPortal @work and myPortal for Desktop / myPortal for Outlook / myAttendant call to IVR through ITSP – there is ringing in parallel with audio	No workaround available yet
	OSBIZ-51865	OCCLA system with SLMUC and SLCN sporadically does not come up after restart	No workaround available yet
	OSBIZ-60893	VS Admin: CCV Objects that are linked with CLI routing component cannot be removed/linked.	No workaround available yet

Release Notes

Tracking Reference	Internal Reference	Summary	Workaround / Actions
	OSBIZ-63235	Unify Phone after a backup restoring Currently it is not possible to reactivate the Unify Phone service / cloud connection or reactivate Unify Phone users via data restore on an OpenScape Business system, because then the system would be out of sync with the Unify Phone cloud.	When performing a data restore in such a scenario, please make sure that the OpenScape Business system has the Unify Phone service / cloud connection activated and the same Unify Phone users configured as in the backup set. Only if the Unify Phone trunk and user configuration in the backup set is identical the current cloud configuration, a data restore can be performed without a risk of consistency issues.
	OSBIZ-64701	3rd-pty CTI control for Unify Phone myPortal for Outlook ribbon call controll "Hold call" does not work	The use of the popup is recommended.

4. Installation and Upgrade / Update

4.1. Installation

4.1.1. Data and Information Security

It is mandatory to apply the Security Checklist so that system default settings are hardened according to best practices. This is most relevant after the first installation, but also strongly recommended after each Major or Minor version upgrade. It presents a checklist to ensure all necessary installation and configuration steps can be taken and adapted to the individual customer's environment and security policy. Deviations from the standard settings should be documented in the security checklist in consultation with the customer's contact person.

The best possible standard of data security and protection is only provided on our latest solutions or product versions. It is recommended to regularly install product updates to remove identified security vulnerabilities and software defects, improve stability and add the latest functionality.

Country-specific regulations must be observed.

The latest version of Security Checklist can be found under the following link:

<https://nuxeo.unify.com/nuxeo/site/proxy/nxdoc/view/raw/b2efab60-4ba8-491c-988d-870077267c4a>

Changes in Security List for this release:

- editorial changes
- myPortal to go App: end of support
- add: SUSE SLES 15 SP6
- update 6.2.12: Unify Phone

4.1.2. Precondition

For initial system administration a LAN connection to a PC with installed Internet Browser.

In addition, the following tools are optionally required for specific installation tasks:

- Manager E
- OpenScape Business Card Manager

Latest released versions of the tools mentioned above can be downloaded from the Software Supply Server within the Unify Partner Portal.

4.1.3. First Installation

Please refer to latest available Administrator Documentation, Chapter ***“Prerequisites for the Initial Setup”***.

4.2. Upgrade / Update / Migration

Please refer to Administrator Documentation, Chapter “**Licensing**” and “**Migration**”.

- **OpenScape Business X**

Due to the increased size of the V3R3 software images, it may be necessary to free up the disk space on the system before starting the software upgrade. In the menu Service Center – Software – Software Update – Update via File Upload a new option “Clean up storage space before transfer” has been introduced, which deletes traces, tcpdumps and phone software images. As a preparational step, this is also available with V3R2.1 hotfix 14. For other software update methods or older software images, these actions should be performed manually.

- **OpenScape Business S and Booster Server**

SLES 12 SP5 or SLES15 SP6 is mandatory for both new installations and update installations. SLES 12 SP3 is not supported anymore. Please upgrade to SLES 12 SP5 or SLES15 SP6 before installing the new OpenScape Business V3R4 software. Due to the expiring SUSE support for SLES12, a migration to SLES15 SP6 is strongly recommended.

4.2.1. Fallback

Not applicable for this release.

4.2.2. How to migrate/upgrade to OCC

A technical migration/upgrade path to the current OpenScape Business SW version and OCC HW version is supported for the following Systems and SW versions.

System	Source Version	Remark
HiPath 3000	V9 R2.7.0	please use latest Manager E
HiPath 3000	V8	please use latest Manager E
HiPath 3000	V7	please use latest Manager E
OpenScape Office HX	V3 R3	interim stage to OSBiz V1R2.2.0 required
OpenScape Business X3/X5/X8	V1 R3.0.0	single node only – interim stage V2R7 latest
OpenScape Business X3/X5/X8	V1 R3.3.0	Multimode – interim stage V2R7 latest
OpenScape Business S	V1 R3.3.0	interim stage V2R7 latest
OpenScape Business X1/X3/X5/X8/S	V2R7 latest	requires valid Software support for upgrade / migration

Please refer to Administrator Documentation, Chapter “**Migration**”.

4.2.3. How to migrate from V2 mainboards to V3 mainboards

Please refer to Administrator Documentation, Chapter “**Licensing**” and “**Migration**”.

4.2.4. How to migrate / Upgrade systems in a network

Before upgrading / migrating systems in a network please make sure that you read the instruction in the "Administration Documentation". Detailed description Chapter "***Licensing***" and "***Migration***".

Start with the slave nodes first before the master node when Master Node is used for Licensing the slave nodes.

4.2.5. How to migrate from SLES 12 SP5 to SLES 15 SP6

It is important to carefully follow the configuration hints and step-by-step description within the OpenScape Business S Installation Guide. Please note that the default hostname of SLES 15 SP6 installations "localhost" cannot be used with OpenScape S / Booster Server and **MUST** be changed.

4.3. Special settings and instructions

Not applicable for this release.

5. Hardware and Software Compatibility

5.1. Hardware

Hardware revisions

OCCS	UC Main board (F) X1		S30810-K2958-X
OCCSBR	UC Mainboard Basic (F) X1R		S30777-U782-X1
OCCM	UC Main board (F)X3W / (F)X5W (Wall)		S30810-K2959-X S30810-Q2959-X
OCCMB	UC Main board basic (F)X3W / (F)X5W (Wall)		S30810-K2965-W100 S30810-Q2965-W100
OCCMA	UC Main board advanced (F)X3W / (F)X5W (Wall)		S30810-K2965-W200 S30810-Q2965-W200
OCCMR	UC Main board (F)X3R / (F)X5R (Rack)		S30810-K2959-Z S30810-Q2959-Z
OCCMRB	UC Main board basic (F)X3R / (F)X5R (Rack)		S30810-K2965-R100 S30810-Q2965-R100
OCCMRA	UC Main board advanced (F)X3R / (F)X5R (Rack)		S30810-K2965-R200 S30810-Q2965-R200
OCCL	UC Main board (F)X8		S30810-K2962-X S30810-Q2962-X
OCCLA	UC Main board (F)X8		S308810-K2966-X200
OCCB1	Voice Channel Booster Card		S30807-Q6949-X100 (1 DSP)
OCCB3			S30807-Q6949-X (3 DSP)
OCCBL			S30807-Q6956-X1
OCCBH			S30807-Q6956-X2
OCAB	UC Booster Card		S30807-K6950-X
Power Supply Unit	OCPSM (Wall)	(F)X3 / (F)X5	≥S30122-H7757-H
	OCPSM (Rack)	(F) X3 / (F)X5	≥ S30122-H7757-Z
	LUNA2	(F)X8	≥ S30122-K7686-A1/-M1

Note: F X3/ F X5/ F X8 are corresponding pendants for Deutsche Telekom

HW Requirements for OpenScape Business S / UC Booster Server

The HW requirements of the server depend on the desired expansion. In addition to the configuration required for the desired scope of services, the server PC must support a DVD drive, keyboard, mouse and a display resolution of at least 1024x768 pixels.

	Basic	Standard	Advanced		Standard / Advanced
	up to 50 User	up to 500 User	more than 500 User	Contact Center	Fax
Processor cores / clock per core	2 / 2,5 GHz	2 / 3,0 GHz	4 / 3,5 GHz	4 / 3,5 GHz	User-dependent
RAM	2 GB min.	4 GB	8 GB min.	4 GB min	4 GB min
HDD/SSD	60 GB	200 GB	500 GB	200 GB or more	User dependent

SW Requirements for OpenScape Business S / UC Booster Server

The operating system used for OpenScape Business S and UC Booster Server is the SUSE Linux Enterprise Server (SLES) operating system in the 64-bit variant. Depending on the OpenScape Business S / UC Booster SW version, different versions of the SLES can be used.

OpenScape Business S / UC Booster Server	SW Description / Version
Operating system	SLES 15 SP6 64 Bit => new and existing installations

Software deployment as OVA image

The OpenScape Business S SW including the SLES is also provided via the Software Download Server as a so-called "OVA Image" for quick and easy installation in a virtual VMware environment. The OVA image is delivered with a default partitioning of the file system:

The swap and Linux partitions are located on the first hard disk and the home partition on the second hard disk.

Depending on the number of users and the functions used, the "home" partition may have to be adjusted after installation in the virtual environment under the system settings according to the following table. After the adjustment, the virtual machine must be restarted.

The OVA image is supported by VMware vSphere 6 (ESXi 6.0 or later).

	Up to 50 User	Up to 500 User	More than 500 User	Contact Center	Fax
Home Partition	40 GB	80 GB	180 GB	180 GB	User- dependent

General Requirements for the Virtual Environment

The virtualization SW is not part of the OpenScape Business S / UC Booster Server SW deliveries. The procurement and operation of the virtualization environment is the responsibility of the customer. OpenScape Business S and UC Booster Server can be operated in the following virtual environments:

- VMware vSphere 6 including the latest patches
- VMware vSphere 7 including the latest patches
- Microsoft Hyper V based on Microsoft Windows Server 2016 or Server 2019
- Kernel-based Virtual Machine (KVM) (project-specific release required)

For the virtualization environments listed above, the following minimum requirements apply for OpenScape Business S and UC Booster Server in conjunction with SLES 64 Bit:

Parameter	Value / Settings
Guest Operating System:	SLES 64 Bit
Virtual Disk Mode:	Standard / Default
Virtual Disk Format Type:	Thin Provisioning (dynamic HD Capacity) or Thick Provisioning (fixed HD Capacity)
vCPUs:	Depending on number of participants and scope of functions, see section "HW Requirements for OpenScape Business S / UC Booster Server" - Processor cores
vCPUs Shares (High/Normal):	High
vCPU Reservation:	Depending on number of participants and scope of functions, see section "HW Requirements for OpenScape Business S / UC Booster Server" - clock per core
vCPU Limit:	Unlimited
VM Memory (RAM):	Depending on number of participants and scope of functions, see section "HW Requirements for OpenScape Business S / UC Booster Server" - RAM
VM Memory Shares (High/Normal):	Normal
VM Memory Reservation:	Depending on number of participants and scope of functions, see section "HW Requirements for OpenScape Business S / UC Booster Server" - HDD/SSD
VM Memory Limit:	Unlimited
Number of vNICs:	1
VMware Manual MAC Used:	NO
Virtual Network Adapter Support:	YES, vmxnet3-Treiber
VMware Tools Installation:	YES
General requirement:	The VM (virtual machine) may use the CPU up to 70% of its capacity, values above this may cause malfunction

Specific notes / requirements for Microsoft Hype V

The Hyper V specific scope of services, e.g., snapshots, live migration, failover clustering is independent of the operation of the OpenScape Business S / UC booster servers.

Please refer to the Microsoft specification for requirements on the server infrastructure. The following Microsoft Hyper-V features are supported by OpenScape Business S / UC-Booster Server:

- Thin Provisioning
- High Availability (HA)
- Live migration
- Data recovery

Specific notes / requirements for VMware vSphere

For hardware requirements for the physical server PC, see the "VMware Compatibility Guide" and "VMware Resource Management Guide" at <https://www.vmware.com/>.

To find already certified and tested hardware, VMware offers an online search function on the Internet homepage under "Compatibility Guides" <https://www.vmware.com/guides.html>.

The following VMware vSphere features are supported by OpenScape Business S / UC Booster Server:

- Thin provisioning
- High Availability (HA)
- VMotion
- Data recovery (VDR)
- DRS (VMotion automated)
- Storage VMotion

The following VMware vSphere features are not supported:

- Fault Tolerance

Specific Notes / Requirements for Kernel-based Virtual Machine (KVM)

The Linux-based KVM virtualization platform can be used as a virtual machine for OpenScape Business S. A project-specific release is required for this.

Software deployment as GCP image

The OpenScape Business S GCP image including the SLES 12 SP5 is provided via the Software Download for quick and easy installation in a GCP environment. The image is delivered with a default configuration for up to 50 users. The Linux partitions and the home partition are located on the same hard disk.

Depending on the number of users and the functions used, the "home" partition may have to be adjusted after installation in the GCP environment under the GCP settings according to the following table.

For performance and security reasons it is highly recommended to avoid the E2 Shared Core family.

	Basic	Standard	Advanced		Standard / Advanced
	up to 50 User	up to 500 User	more than 500 User	Contact Center	Fax
Processor cores / clock per core	2 / 2,5 GHz	2 / 3,0 GHz	4 / 3,5 GHz	4 / 3,5 GHz	User-dependent
RAM	2 GB min.	4 GB	8 GB min.	4 GB min	4 GB min
HDD/SSD	60 GB	200 GB	500 GB	200 GB or more	User dependent
example GCP machine type	c2d-highcpu-2	c2-standard-4	c2-standard-8	c2-standard-8	c2-standard-8

For more details, please refer to:

https://wiki.unify.com/wiki/How_to_collection_and_tutorials_for_OpenScape_Business#OpenScape_Business_S_for_Cloud.

5.2. Firmware

Not applicable for this release.

5.3. Loadware

Not applicable for this release.

5.4. Software / Applications

Product	SW Version	comments
myPortal / myAttendant	6.4.40.5	Successor of 6.4.0.239
myPortal for Outlook	6.3.40.6	Successor of 6.3.40.5
myAgent	6.3.40.8	Successor of 6.3.40.5
FAX Printer	6.3.40.6	Successor of 6.3.40.1
Cover Page Editor	6.3.0.146	
Communications Clients Installer	6.3.0.223	
myReports	6.4.0.235	
Application Launcher	V3.R3.0.42	
myContacts	V1.0.23.0	
Accounting Manager	V2.0.0.36	
Desktop Integration	1.20	
myPortal @work	3.10.3	
Audio Wizard	2.2.1.1	
ODBC to ODBC bridge	V1.0.17.0	

5.5. Operating systems

This legend applies to the following overviews:

- ☒ supported
- ☐ supported with restrictions (see release note)
- ☐ not supported
- n/a not applicable

¹⁾ supported, but not part of the system test anymore - in case of error no SW correction will be delivered (end of sustaining by OpenScape Business)

- Microsoft Office 2016 security updates by Microsoft until October 2025

- Microsoft Exchange 2016 extended support by Microsoft until October 2025

- Microsoft Windows Server 2016 security updates by Microsoft until January 2027

²⁾ UC and CTI functionality only

³⁾ Compatibility only for VoIP phones (CP phones)

PC Client Software	myPortal @work	myPortal for Desktop	myPortal for Outlook	myAgent	myReports	myAttendant	Business Attendant	Fax Printer
Client Operating System								
Microsoft Windows 11 (64 Bit) all versions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ³⁾	<input checked="" type="checkbox"/>
Microsoft Windows 10 (64 Bit) all versions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Apple macOS 15.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Apple macOS 15.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Apple macOS 14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Apple macOS 13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Terminal Server for Clients								
Microsoft Windows 2022 Server 64 Bit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MS Terminal Server 2022	<input checked="" type="checkbox"/> ²⁾	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Microsoft Windows 2019 Server 64 Bit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MS Terminal Server 2019	<input checked="" type="checkbox"/> ²⁾	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SW Components in general								
Microsoft Outlook / Office	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2021 (32 / 64 Bit) + Office 365	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2019 (32 / 64 Bit)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2016 (32 / 64 Bit) ¹⁾	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
.NET Framework	n/a	n/a	>= 4.8	>= 4.8	n/a	n/a	n/a	>= 4.8
Web browser								
Microsoft EDGE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PC Client Software	myPortal @work	myPortal for Desktop	myPortal for Outlook	myAgent	myReports	myAttendant	Business Attendant	Fax Printer
Mozilla Firefox V68.0 or higher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Google Chrome V53 or higher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Java								
Oracle Java JRE 1.8.x or above (32 Bit or 64 Bit)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Open JDK V8 or above (32 Bit or 64 Bit)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW Components for specific functions								
Microsoft Exchange (Calendar and Contact Integration)	n/a	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	<input checked="" type="checkbox"/>	n/a	n/a
Exchange Server with Office 365 (Cloud)	n/a	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	<input checked="" type="checkbox"/>	n/a	n/a
Exchange 2019 (64 bit)	n/a	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	<input checked="" type="checkbox"/>	n/a	n/a
Exchange 2016 (64 bit) ¹⁾	n/a	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	<input checked="" type="checkbox"/>	n/a	n/a
Adobe Reader	n/a	n/a	n/a	>= 9.3	>= 9.3	n/a	n/a	n/a

PC Client Software	Application Launcher	Call Bridge Collection	TAPI 120 TSP SW	ODBC-Bridge Server	myContacts	Accounting Manager	OSBiz WBM	Manager E
Client Operating System								
Microsoft Windows 11 (64 Bit)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	n/a	<input checked="" type="checkbox"/>
Microsoft Windows 10 (64 Bit)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	<input checked="" type="checkbox"/>
Server Operating System								
Microsoft Windows 2022 Server 64 Bit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	n/a	<input type="checkbox"/>
Microsoft Windows 2019 Server 64 Bit	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	n/a	<input type="checkbox"/>
Microsoft Windows 2016 Server 64 Bit ¹⁾	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	n/a	<input type="checkbox"/>
SW Components in general								
Microsoft Outlook / Office	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2021 (32 / 64 Bit) + Office 365	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2019 (32 / 64 Bit)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2016 (32 / 64 Bit) ¹⁾	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
.NET Framework	n/a	n/a	n/a	>= 4.8	>= 4.8	n/a	n/a	n/a
Web browser								
Microsoft EDGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mozilla Firefox V68.0 or higher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Google Chrome V53 or higher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Java								
Oracle Java JRE 1.8.x or above (32 Bit or 64 Bit)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PC Client Software	Application Launcher	Call Bridge Collection	TAPI 120 TSP SW	ODBC-Bridge Server	myContacts	Accounting Manager	OSBiz WBM	Manager E
Open JDK V8 or above (32 Bit or 64 Bit)	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW Components for specific functions								
ODBC 3.5 compliant database driver	n/a	n/a	n/a	<input type="checkbox"/>	n/a	n/a	n/a	n/a

For TAPI 170 TSP see the corresponding Release Note on the Software Supply Server (SWS).

TAPI 170

Solutions/versions used:

- OpenScape Business TAPI 170 V1 R0.22.0000
- OpenScape Business X8 OSBiz V3R3 FR1
- TAPI Phone Dialer(c) by JulMar Technology
- Admin server: Windows Server 2022
- Client PC: Windows 11

TAPI 120

Solutions/versions used:

- HW: OSBiz X8
- SW: OSBiz V3R4
- TAPI 120 (latest available version on SWS)
- TAPI CSTA to be selected / tested
- TAPI Phone Dialer(c) 1995-2004 by JulMar Technology Windows 11

5.6. 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.

5.6.1. Communication platforms

Hardware and software products that have been tested together with this version of OpenScape Business, including third-party products, are listed in the following compatibility matrix. In addition to this please also read the corresponding release note from the other products. There are further products and software issues which can be connected. For such products, please refer to their own release and change notes respectively.

Product Family	Product	Preferred Software Versions ¹⁾			
		Version	Status ²⁾	Nuxeo Note	in image
Operating System	SUSE SLES 15 SP6 64 Bit	P30152-P1649-P22-1	GA	INF-24-000230	
Administration	Manager E	P30152-P1532-P3-45 (V10 R3.17.0)	GA	INF-13-000576	
	KC-Manager ³⁾	P30152-P1532-T3-45 (V10 R3.15.0)	GA		
	OSBiz Card Manager	≥ P30152-P1532-P6-4 (V3.0.6)	GA		
Attendant	OpenScape Business Attendant	≥ P30152-P1603-P13-17 (V2 R3.6.0)	GA	INF-15-000318	
	Busy Lamp Field	≥ V2 R2.1.3			
Unify Devices / Modules	CP 100/20x/400/600/600E/700/700X SIP	P30152-P1605-A90/A100/A200/A300/A310/A400/A410-65/65/65/65/65/65/65 (V1 R11.4.0)	GA	INF-24-000120	X
	CP 110 SIP	P30152-P1705-A110-11 (V2 R0.15.0)	GA	INF-24-000149	X
	CP 210 SIP	P30152-P1705-A210-11 (V2 R0.15.0)	GA	INF-24-000149	X
	CP 410 SIP	P30152-P1705-A410-11 (V2 R0.15.0)	GA	INF-24-000149	X
	CP 710 SIP	P30152-P1705-A710-11 (V2 R0.15.0)	GA	INF-24-000149	X
	CP 100 HFA	P30152-P1632-A90-46 (V1 R8.2.0)	GA	INF-24-000052	X
	CP 110 HFA	P30152-P1700-A110-11 (V2 R0.15.0)	GA	INF-24-000154	X
	CP 20x HFA	P30152-P1632-A100-46 (V1 R8.2.0)	GA	INF-24-000052	X
	CP 210 HFA	P30152-P1700-A210-11 (V2 R0.15.0)	GA	INF-24-000154	X
	CP 410 HFA	P30152-P1700-A410-11 (V2 R0.15.0)	GA	INF-24-000154	X
	CP 400/600/700 HFA	P30152-P1632-A200/A300/A400-46 (V1 R8.2.0)	GA	INF-24-000052	X
	CP 710 HFA	P30152-P1700-A710-11 (V2 R0.15.0)	GA	INF-24-000154	X
	CP 200 TDM	P30152-P1665-A100-5 (V1 R0.0.9)	GA	INF-20-000035	X
	CP 205 TDM	P30152-P1665-B100-4 (V1 R2.0.3)	GA	INF-25-000023	X
	CP 400 TDM	P30152-P1665-A200-10 (V1 R0.4.0)	GA	INF-23-000177	X
	CP 405 TDM	P30152-P1665-B200-3 (V1 R2.0.3)	GA	INF-25-000024	X
	openStage 10 TDM	NA	GA	NA	
	openStage 15 TDM	P30152-P1595-A75-3 (V2 R1.3.0)	GA	INF-20-000042	X

Release Notes

Product Family	Product	Preferred Software Versions ¹⁾			
		Version	Status ₂₎	Nuxeo Note	in image
	openStage 20 TDM	P30152-P1595-A100-1 (V2 R1.3.0)	GA	INF-17-000192	X
	openStage 30 TDM	P30152-P1459-A150-3 (V2 R1.3.0)	GA	INF-20-000044	X
	openStage 40 TDM	P30152-P1595-A200-1 (V2 R1.3.0)	GA	INF-17-000191	X
	openStage 60 TDM	P30152-P1595-A300-13 (V2 R1.17.0)	GA	INF-21-000145	X
	openStage 80 TDM	P30152-P1595-A400-10 (V2 R1.14.0)	GA	INF-17-000366	
	OpenScape DECT Phone S5	P30152-P1602-A1-7 (V1 R0.6.0)	GA	INF-18-000325	
	OpenScape DECT Phone SL5	P30152-P1602-A2-8 (V1 R0.7.0)	GA	INF-18-000326	
	OpenScape DECT Phone S6	P30152-P1685-A1-8 (V1 R0.8.0)	GA	INF-24-000038	
	OpenScape DECT Phone SL6	P30152-P1685-A2-9 (V1 R0.8.0)	GA	INF-24-000039	
	OpenScape DECT Phone R6	P30152-P1685-A3-8 (V1 R0.8.0)	GA	INF-24-000037	
	openStage Up0 Adapter	P30152-P1416-B100-9 (V1 R0.11.0)	GA	INF-12-000073	X
	OpenScape Personal Edition V7 HFA/SIP	≥ P30152-P1510-C1-U8 (V7 R1.47.75)	GA	INF-20-000330	
	OpenStage WL3 / WL4	P30152-P1561-A1-9 (V1 R1.5.0)	GA	INF-20-000006	
Mitel SIP DECT	Mitel SIP-DECT	V9.2-HF01JG10	GA		
	Mitel 700d/700dt DECT Phone	V9.1.7.51	GA		
	Mitel 602d V2 DECT Phone	V7.8.2	GA		
	Mitel 6x2d/650c DECT Phone	V7.3.3	GA		
Partner Products	Mediatrix 4102 V2.0	≥ P30152-P1361-P25-24 (V2.0 R34.627.0)	GA	INF-16-000106	
	Cordless IP V2	V2 R2.54.0	GA	INF-23-000190	
CSTA	OpenScape Business TAPI	≥ P30152-P1532-P14-14 (V1.R1.12.0)	GA	INF-13-000533	
Contact Center	OpenScape Contact Center	V10 R1.1.2	GA	INF-19-000421 A9Q00009430-1	
	CMS	V9 R4.0.0	GA	INF-19-000350	
Telephony Services	OpenScape Alarm Response Economy	P30152-P1504-A1-5 (V1 R1.1.1)	GA		
	OpenScape Alarm Response Professional	P30152-P1503-A1-4 (V3 R2.60.4)	GA		
Accounting	OpenScape Accounting	V3R0 V4R0	GA		
Networking/ Interoperability	OpenScape 4000	V10 R1.42.0	GA	INF-23-000050	
	OpenScape 4000	V11 R0.22.0	GA	INF-24-000040	
	OpenScape Voice	V10R1	GA		
	OpenScape Fault Management	V10 R7 V11 R0	GA		
	DLS Deployment Service	P30152-P1659-A1-11 (V10 R1.1.0) (HI-DLS10R1.613.00)	GA	INF-20-000247	

Notes:

¹⁾ We recommend customers to use the “Preferred Software Version” for the given products. The preferred software versions offer higher levels of functionality. However, the OpenScape Business might also operate with older software version with the caveat that recently added interoperability or advanced features may not be possible when using these versions. In cases, if a defect is found when using a backward compatible version, it may be necessary to update to the preferred version.

²⁾ FT = Field Trial, NA = not available, GA= General Availability, eeQA= extended external quality assurance, TBV = To Be Verified

³⁾ supported product/corresponding pendants for Octopus F X (Deutsche Telekom)

5.6.2. Other products

Not applicable for this release.

5.6.3. Third-Party products

- **Headsets**
Currently the headsets that are fully certified are:
Poly Voyager Focus UC 2
Jabra Engage 55
Poly Blackwire 7225
Poly Blackwire 3215

6. Service Information

6.1. Management information base

☒ Product sends SNMP V2 traps ☐ Product sends SNMP V3 traps ☐ Not supported

The following MIBs are supported:

6.2. License management

This product is licensed using:

☒ CLS ☐ CSC ☐ Other or not relevant, as described below.

6.3. Remote serviceability

This product is certified for the following:

☒ RSP ☐ HiSPA ☐ RTPatch ☐ Other remote access or not relevant, as described below.

6.4. Product tooling structure

Structure in Nuxeo / SWS for OpenScape Business – Upgrade Image	
Main Category	Communication Systems
Product Family	OpenScape Business
Product	OpenScape Business X1 X3 X5 X8
Product Version	OpenScape Business X1 X3 X5 X8 V3
Product Item # (System)	P30152-P1649-P1/P2/P3/P7

Structure in Nuxeo / SWS for T-Octopus F X – Upgrade Image	
Main Category	OEM Products
Product Family	T-Octopus F System
Product	Octopus F X
Product Version	Octopus F X V3
Product Item #	P30152-P1649-P1/P2/P3/P7

Structure in Nuxeo / SWS for OpenScape Business Server – Upgrade Image/Installation Image (.iso)	
Main Category	Communication Systems
Product Family	OpenScape Business
Product	OpenScape Business S-BS
Product Version	OpenScape Business S-BS V3
Product Item # (System)	P30152-P1649-P10/P17

Structure in Nuxeo / SWS for OpenScape Business Server in the cloud – Upgrade Image/Installation Image	
Main Category	Communication Systems
Product Family	OpenScape Business
Product	OpenScape Business S – GCP deployment
Product Version	V3
Product Item # (System)	P30152-P1649-P21

Structure in Nuxeo / SWS for T-Octopus F X8S/BS – Upgrade Image/Installation Image (.iso)	
Main Category	OEM Products
Product Family	T-Octopus F System
Product	Octopus F X 8 S-BS
Product Version	Octopus F X8 S-BS V3
Product Item # (System)	P30152-P1649-P10/P17

Structure in Case Tracking System GSI.flow for OpenScape Business	
Product Family	Communication Systems
Product Group	OpenScape Business
Product Type	OpenScape Business X1 or X3 or X5 or X8
Product Version	V3
SW Version	P30152-P1649-P1/P2

Structure in Case Tracking System Service Now for OpenScape Business Server / UC Booster Server

Product Family	Communication Systems
Product Group	OpenScape Business
Product Type	OpenScape Business S or UC Booster Server
Product Version	V3
SW Version	P30152-P1649-P10/P12

Structure in Case Tracking System Service Now for T-Octopus F X

Product Family	OEM Products
Product Group	T-Octopus F System
Product Type	T-Octopus F X3 X5 X8
Product Version	V3
SW Version	P30152-P1649-P1/P2

Structure in Case Tracking System Service Now for T-Octopus F X8 S/BS

Product Family	OEM Products
Product Group	T-Octopus F System
Product Type	T-Octopus F X8 S or BS
Product Version	V3
SW Version	P30152-P1649-P10/P2

6.5. Case tracking system

Tickets can be generated and tracked via the WEB Support Portal (AWSP).

<https://mitel.service-now.com/>

A short instruction can be found on the AWSP directly.

7. Documentation Reference

The product documentation can be found on the Unify Partner Portal <https://unify.com/en/partners/partner-portal> under Sell - Portfolio Information.

8. References

Description	Link
Administration Documentation	Online Help in OpenScape Business Assistant
OSBiz Applications	Available for download via OpenScape Business Service-Center
Details regarding supported peripheral devices and or other 3 rd party products	Sales Information (Partner Portal)
Diagnostic hints	Administration Documentation
Experts Wiki	http://wiki.unify.com/wiki/OpenScape_Business
Exchange Configuration Guides	http://wiki.unify.com/wiki/OpenScape_Business#Microsoft_Exchange_Server
Client system & memory requirements in Terminal Server environments	https://wiki.unify.com/index.php/OpenScape_Business#Integration_in_business_application_and_processes
SIP devices configuration guide	http://wiki.unify.com/wiki/Features_and_Configuration_of_SIP_Devices#SIP_Endpoint_Configuration_within_OpenScape_Business
Migration of Openstage WL2 HFA to SIP	http://wiki.unify.com/wiki/How_To_replace_HFA_protocol_of_optiPoint_WL2_by_SIP
Best Practices for virtual machine snapshots in the Vmware environment	http://kb.vmware.com/kb/1025279
"How to collection" for H4k and OSV networking	https://wiki.unify.com/wiki/How_to_collection_and_tutorials_for_OpenScape_Business#Networking
SIP / ITSP Wiki	http://wiki.unify.com/wiki/OpenScape_Business#SIP_2F_ITSP_Connectivity
How_To_Configure System Device@Home	https://wiki.unify.com/images/d/de/How_To_Configure_System_Device%40Home.pdf
How To Tutorial myPortal @work Scenarios and Configuration	https://wiki.unify.com/images/8/8c/How_To_Tutorial_myPortal_%40work_Scenarios_and_Configuration.pdf
How To Tutorial MS Teams Interworking	https://wiki.unify.com/images/4/4f/How_To_Configure_OSBiz_MS_Teams_Interworking.pdf
OpenScape Business Security Checklist	https://nuxeo.unify.com/nuxeo/site/proxy/nxdoc/view/raw/b2efab60-4ba8-491c-988d-870077267c4a
How To: configure OAuth 2.0	https://wiki.unify.com/images/7/76/OpenScape_Business_OAuth2_HowTo.pdf
UC Suite UI Refresh	https://wiki.unify.com/images/1/18/UC_Suite_Refresh_Customer_Information.pdf
GCP Partner Guide	https://wiki.unify.com/wiki/How_to_collection_and_tutorials_for_OpenScape_Business#OpenScape_Business_S_for_Cloud
OpenScape Business, Troubleshooting Guide, Service Documentation, Issue 10	https://nuxeo.unify.com/nuxeo/site/proxy/nxdoc/view/raw/c30a59b1-ef52-4009-9e5a-dd1cf661003f

Release Notes

Description	Link
HowTo connect Unify Phone to OpenScape Business	https://wiki.unify.com/images/7/7f/How_To_connect_Unify_Phone_to_OpenScape_Business.pdf
OpenScape Business Whitepaper SSL certificate handling	https://wiki.unify.com/images/c/ca/OpenScape_Business_SSL_Certificate_Handling.pdf
Compatibility Report Unify OpenScape Business with Mitel 6800/6900/6900W devices	https://powerup.mitel.com/concierge/ucm/#/ucm/1675/2370/List/0?Id=5D5BCF41-36C9-451A-B622-7AD0D57E1FA4
Compatibility Report Unify OpenScape Business with Mitel SIP-DECT devices	https://powerup.mitel.com/concierge/ucm/#/ucm/1675/2370/List/0?Id=93F84783-D30F-47D8-9012-8BDAB07A496A