



# Mitel Unify Product Java Dependencies Overview

Version 2024-07-04



# Mitel Unify Product Java Dependencies

## Introduction

Since January 2019, Oracle Java SE 8 public updates are no longer available for “business, commercial or production use” without a commercial license.

Oracle’s new Java subscription price list replaces previously available licenses and now provides a combined license and support subscription.

This enables commercial customers to gain access to continued support of Java beyond January 2019 as well as critical security patches.

Please find more details here:

- [Oracle Java SE Subscription FAQ](#)
- [Oracle Java SE Support Roadmap](#)
- [Oracle Java SE Subscription Global Price List](#) (August 3, 2018)

This overview outlines for all Mitel Unify portfolio elements whether they are affected by the Oracle Java Subscription or not.

Notes & Outlook:

- Our R&D departments have worked and are still working on the further product planning for each affected product – to come up with a timeline/release planning outlining when there will no longer be the need to use Oracle Java.
- Such a roadmap statement is already included for most of the products in this overview document – for others this will be delivered in addition, provided as a document update in the [Experts Wiki](#).
- Any roadmap-related statement contains forward looking information that is subject to change without notice.



# Mitel Unify Product Java Dependencies

## Update on Java Licensing from Oracle in Q4/2021

Starting with Java 17, Oracle has changed the license conditions for its own Java variant again. See more details at:

- <https://blogs.oracle.com/java/post/free-java-license>

It is now available under the “Oracle No-Fee Terms and Conditions (NFTC) License Agreement”. See more details at:

- <https://www.oracle.com/downloads/licenses/no-fee-license.html>

However, this change does not have any direct impact on the Mitel Unify Product Portfolio, since it applies only to Java 17 and later. That is, none of our products are currently requiring any of the new functionality provided only with version 17 – and – most of our products still rely on Java 8 functionality.



# Mitel Unify Portfolio

## Overview

Vertical & Mission Critical Solutions
Unify OpenScape Alarm Response
Unify OpenScape Health Station HiMed
Unify OpenScape Xpert
Unify OpenStage Xpert 6010p
Unify OpenStage Xpert Speaker Module
Unify Remote Expert Services *
Unify Virtual Care Collaboration Service
Unify Critical Event Management

Cloud Solutions
Unify Office by RingCentral
Unify Video by RingCentral
Unify Rooms by RingCentral
Unify X powered by Telekom
Unify OpenScape Secure Cloud
Cloud Contact Center - powered by CXone

Horizontal Products	
Unify OpenScape 4000	Unify OpenScape Desk Phones CP
Unify OpenScape 4000 Manager	Unify OpenScape Enterprise
Unify OpenScape Access	Unify OpenScape Fault Management
Unify OpenScape Accounting	Unify OpenScape Mobile
Unify OpenScape Branch	Unify OpenScape Personal Edition
Unify OpenScape Business	Unify OpenScape SBC
Unify OpenScape Common Management Platform	Unify OpenScape UC
Unify OpenScape Composer	Unify OpenScape Video
Unify OpenScape Concierge	Unify OpenScape Voice
Unify OpenScape Contact Center	Unify OpenScape Web Collaboration
Unify OpenScape Cordless E	Unify OpenScape WLAN Phones
Unify OpenScape Cordless IP	Unify OpenScape Xpressions
Unify OpenScape DECT Phones	Unify OpenStage M3 Family
Unify OpenScape Deployment Service	Unify OpenStage T
Unify OpenScape Endpoint Management	

Other Portfolio Assets & Components	Commercials / CLM
Unify Phone	Unify OpenScape Software Assurance (SWA)
Unify Orchestration Platform	Unify OpenScape Software Support (SSP)
Unify Management Center	Unify Subscription Licensing (SSL)

Services
Unify 7P Contact Center Discovery
Unify Backup and Recovery Services
Unify Change Management
Unify Cloud Connectivity Design
Unify Cloud Connectivity Integration
Unify CEM Discovery
Unify Firewall Patching Services
Unify Managed Service Desk
Unify OpenScape Design and Integration Services
Unify OpenScape Installation Services
Unify OpenScape SESAP **
Unify OpenScape Solution Maintenance (Total Care)
Unify Performance Management
Unify Proactive Fault Monitoring
Unify Proactive Patch Management
Unify Professional Services Solutions Framework
Unify Professional Services Support
Unify Remote Service Platform
Unify Service Level Management
Unify Transition and Connectivity Services
Unify UCC Discovery

\* Remote Expert Services currently available via customer request  
 \*\* Secured Enterprise Service and Administration Platform



# Mitel Unify Product Java Dependencies

## Circuit

Circuit						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
Circuit Backend Services V1	IBM JRE 8	JRE provided	No	x		
Circuit Clients V1	–	–	No			No Java used.
Circuit Extensions V1	–	–	No			No Java used.
Circuit SDKs V1	–	–	No			No Java used.



# Mitel Unify Product Java Dependencies

## Unify OpenScape 4000 (I)

OpenScape 4000 (I)						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape 4000 V10 R0 OpenScape 4000 Manager V10 R0	IBM JRE 7	JRE provided	No	x		
Admin-Client for OpenScape 4000 V10 R0 OpenScape 4000 Manager V10 R0	Oracle JRE 8	JRE required	<b>Yes</b>		x	
OpenScape 4000 V10 R1 OpenScape 4000 Manager V10 R1	IBM JRE 8	JRE provided	No	x		
Admin-Client for OpenScape 4000 V10 R1 OpenScape 4000 Manager V10 R1	OpenJDK JRE 8	JRE provided	No		x	For V10 R1 (GA date: Q2/2022) Java Applets have been replaced with Java Applications, which are executed using the <a href="#">OpenWebStart</a> installer and a built-in JRE. This installer will be downloaded from the OS4K system, so no additional download & installation of any third party packages from the Internet is needed.
OpenScape Cordless E V7	–	–	No			No Java used.
OpenScape Cordless IP V2	–	–	No			No Java used.



# Mitel Unify Product Java Dependencies

## Unify OpenScape 4000 (II)

OpenScape 4000 (II)						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
HiPath CAP V3 R0 (Common Application Platform)	IBM JRE 8	JRE provided	No	x		Starting with V3 R0.16.0 the IBM JRE is delivered with the product.
HiPath DS-Win V4 R6 (Directory Service)	IBM JRE 8	JRE provided	No	x		
HiPath AC-Win V3 R1 (Attendant Console)	–	–	No			No Java used.
HiPath BLF-Win V3 R0 (Belegt-Lampenfeld)	–	–	No			No Java used.
HiPath DTB V9 R0 (Display Telephone Book)	–	–	No			No Java used.



# Mitel Unify Product Java Dependencies

## Unify OpenScape Alarm Response

OpenScape Alarm Response						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Alarm Response V4 / V5 <ul style="list-style-type: none"><li>OScAR Professional</li><li>OScAR Economy</li></ul>	–	–	No			No Java used.





# Mitel Unify Product Java Dependencies

## Unify OpenScape Business

OpenScape Business						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Business S V3	Open JRE 8	JRE provided	No	x		OpenScape Business is using <a href="#">OpenJ9</a> JVM with OpenJDK class files.
OpenScape Business X V3 (V3 Intel Hardware)	Open JRE 8	JRE provided	No	x		OpenScape Business is using <a href="#">OpenJ9</a> JVM with OpenJDK class files.
OpenScape Business X V3 (V2 PPC Hardware)	Azul JRE 8	JRE provided	No	x		Azul is based on <a href="#">OpenJDK 8</a> .
myPortal@Work	–	–	No			No Java used.
myPortal for Desktop	<a href="#">Azul JRE 8</a> or Oracle JRE 8	JRE required	(see notes →)		x	Java JRE is not shipped as part of the client installer. It is up to the customer to decide whether to install the JRE from Azul or the Oracle JRE.
myAttendant	<a href="#">Azul JRE 8</a> or Oracle JRE 8	JRE required	(see notes →)		x	Java JRE is not shipped as part of the client installer. It is up to the customer to decide whether to install the JRE from Azul or the Oracle JRE.
Application Launcher	<a href="#">Azul JRE 8</a> or Oracle JRE 8	JRE required	(see notes →)		x	Java JRE is not shipped as part of the client installer. It is up to the customer to decide whether to install the JRE from Azul or the Oracle JRE.



# Mitel Unify Product Java Dependencies

## Unify OpenScape Contact Center

OpenScape Contact Center						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Contact Center V10 / V11	IBM JRE 8	JRE provided	No	x		
OpenScape Contact Center Agent Portal Web V10 / V11	–	–	No		x	No Java used.
OpenScape Contact Center Mobile- / Web Supervisor V10 / V11	–	–	No		x	No Java used.
OpenScape CMS V10 / V11 (Contact Media Services)	IBM JRE 8	JRE provided	No	x		



# Mitel Unify Product Java Dependencies

## Unify OpenScape Concierge & ComDesk

OpenScape Concierge & ComDesk						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Concierge V4 [Server]	OpenJDK JRE 11	JRE provided	No	x		
OpenScape Concierge V4 [Agent]	–	–	No			No Java used.
Communication Desk (ComDesk) <i>[Professional Service Solution]</i>	Oracle JRE 8	JRE required	<b>Yes</b>		x	<p>If you do not intend to purchase Oracle Java SE licenses to get Java support for ComDesk:</p> <ul style="list-style-type: none"> <li>• Use a setup packet of ComDesk incl. Open JDK 11 for local installation.</li> <li>• Use the new ComDesk Web (web application without Java) - currently only available for Medium Voice.</li> </ul> <p>Both variants are customer-specific solutions &amp; will cause additional costs.</p>



# Mitel Unify Product Java Dependencies

## Unify OpenScape Health Station HiMed

OpenScape Health Station HiMed						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Health Station HiMed V10	–	–	No			No Java used.



# Mitel Unify Product Java Dependencies

## Unify OpenScape License Management

OpenScape License Management						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Customer License Manager (CLM) V1 R20 (customer side)	Oracle JRE 8	JRE required	(see notes →)		x	The Customer License Manager does not necessarily require its own dedicated Java. That is, if CLM is installed at the same PC as the Admin Client of a given product, the same Java SE subscription can be re-used.
OpenScape Customer License Manager (CLM) V2 (customer side)	<a href="#">IBM JRE 8</a> , <a href="#">OpenJDK JRE</a> or Oracle JRE 8	JRE required	(see notes →)		x	It is up to the customer to decide whether to install the JRE from IBM, OpenJDK or the Oracle JRE.



# Mitel Unify Product Java Dependencies

## Unify OpenScape Management Applications (I)

OpenScape Management Applications (I)						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape CMP V7 R4 / V10 (Common Management Platform)	IBM JRE 7	JRE provided	No	x		
OpenScape Composer V1 / V2	IBM JRE 8	JRE provided	No	x		
OpenScape DLS V10 [Server] (Deployment Service)	IBM JRE 8	JRE provided	No	x		
OpenScape DLS V10 R1 [Admin Client] (Deployment Service)	Oracle JRE 8	JRE required	<b>Yes</b>		x	
OpenScape DLS V10 R2 [Admin Client] (Deployment Service)	OpenJDK JRE 8	JRE required	No		x	With V10 R2 Java Web Start has been replaced with <a href="#">OpenWebStart</a> installer. This installer together with a JRE can be downloaded from the <a href="#">OpenWebStart</a> project page.



# Mitel Unify Product Java Dependencies

## Unify OpenScape Management Applications (II)

OpenScape Management Applications (II)						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Fault Management V11 (Admin client)	JRE from <a href="#">AdoptOpenJDK</a> or Oracle	JRE required	(see notes →)		x	It is up to the customer to decide whether to install the JRE from the AdoptOpenJDK project or the Oracle JRE.
OpenScape Fault Management V11	IBM JRE 8	JRE provided	No	x		
OpenScape Accounting V3 / V4	–	–	No			No Java used.



# Mitel Unify Product Java Dependencies

Unify OpenScape UC  
Unify OpenScape Xpressions

| Unify OpenScape Mobile  
| Unify OpenScape Web Collaboration

OpenScape UC   OpenScape Mobile   OpenScape Xpressions   OpenScape Web Collaboration						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape UC V9 R4 / V10	IBM JRE 7 / 8	JRE provided	No	x		
OpenScape Desktop Client Personal Edition (PE) V7 R1	–	–	No			No Java used.
OpenScape Mobile V9 / V10	–	–	No			No Java used.
OpenScape Web Collaboration V7	–	–	No			No Java used.
OpenScape Xpressions V7 R1	IBM JRE 7	JRE provided	No	x		





# Mitel Unify Product Java Dependencies

## Unify OpenScape Voice Ecosystem

OpenScape Voice Ecosystem						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Voice V9 R4 / V10	IBM JRE 7	JRE provided	No	x		
OpenScape Voice NCPE V9 R4 / V10 (Node Configuration Parameter Editor)	IBM JRE 7 or Oracle JRE 8	JRE required	(see notes →)		x	Starting with V9 R4.1.0 NCPE has been built with IBM JDK 7, so it can use a JRE from IBM and does not require an Oracle JRE.
OpenScape Voice Trace Manager V8 R0	–	–	No		x	No JRE is used in the server side. The Obfuscation Tool is being delivered through OSV TM Portal – and – a JRE is required at the client-side to run the obfuscation tool (jar).
OpenScape Branch V9 R4 / V10	IBM JRE 7	JRE provided	No	x		
OpenScape SBC V9 R4 / V10 (Session Border Controller)	IBM JRE 7	JRE provided	No	x		
OpenScape Web-CDC V1 R1 (customer side)   (Customer Data Collection)	–	–	No			No Java used.



# Mitel Unify Product Java Dependencies

## Unify OpenScape Xpert

OpenScape Xpert						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OS Xpert System Manager V7 R0	Oracle JRE 8	JRE required	<b>Yes</b>	x		
OS Xpert System Manager V7 R1	IBM JRE 8	JRE provided	No	x		
OpenScape Xpert V7 [MLC Server] (Multi-Line Control)	–	–	No			No Java used.
OpenScape Xpert V7 [Clients]	–	–	No			No Java used.
OpenScape Xpert V7 [Turrets]	–	–	No			No Java used.



# Mitel Unify Product Java Dependencies

## Devices & Endpoints

Devices & Endpoints						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Desk Phones	–	–	No			No Java used.
OpenStage Phones	–	–	No			No Java used.
OpenScape DECT Phones	–	–	No			No Java used.
OpenStage WL3 Phones	–	–	No			No Java used.
OpenStage WL3 PDM (Personal Device Manager)	JRE from <a href="#">AdoptOpenJDK</a> or Oracle	JRE required	(see notes →)		x	Since V1 R1.7.0 it is up to the customer to decide whether to install the JRE from the AdoptOpenJDK project or the one from the Oracle JDK.
Circuit Meeting Room (CMR) V1	–	–	No			No Java used.



# Mitel Unify Product Java Dependencies

## Mitel Unify Service-Related Products (I)

Service-Related Products (II)						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
SESAP V2 R1 (Secure Enterprise Service and Administration Platform)	Open JRE 8	JRE provided	No	x		Starting with V2 R1.1.2 a JRE from the OpenJDK project is delivered with the product.
Remote Service Platform V2 (customer side)	–	–	No			No Java used.
OpenScape Backup and Recovery Services V1 R4	OpenJDK JRE 11	JRE provided	No	x		Starting with V1 R4.10.2 OSBR will deliver the JDK 11 from the Eclipse Temurin project.



# Mitel Unify Product Java Dependencies

## Mitel Unify Service-Related Products (II)

Service-Related Products (III)						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
Proactive Fault Monitoring (customer side)	–	–	No			Local collectors on customer side are not affected by the Oracle Java SE Subscription.
Proactive Patch Management (customer side)	–	–	No			No Java used.
Managed Service Offerings (TCS, MSD, SLM, Firewall Patching Services)	–	–	No			No Java used.
OpenScape Video V9 R3 / V10	–	–	No			No Java used.
OpenSmart Designer V2 R3 (OSD <sup>2</sup> )	–	–	No			No Java used.





**Thank you!**

