Atos Unify Product Java Dependencies Overview

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Atos 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 Atos 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.

- This overview will be updated every quarter – to outline the latest status and especially to confirm when a new version has been released without the need to use Java from Oracle.

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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 Atos 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.

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Atos Unify Portfolio
Overview

Vertical & Mission Critical Solutions
Atos Unify OpenScape Alarm Response
Atos Unify OpenScape First Response NG911/NG112
Atos Unify OpenScape Health Station HiMed
Atos Unify OpenScape Xpert
Atos Unify OpenStage Xpert 6010p
Atos Unify OpenStage Xpert Speaker Module
Atos Unify Remote Expert Services*
Atos Unify Virtual Care Collaboration Service*

Cloud Solutions
Unify Office by RingCentral
Unify Video by RingCentral
Unify Phone
Cloud Contact Center – powered by CXone
Atos Unify Orchestrated Cloud Hybrid
Atos Unify Orchestrated Cloud Private
Circuit**
Circuit Builder

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

Services
Atos Unify Adoption Services
Atos Unify Backup and Recovery Services
Atos Unify Change Management
Atos Unify Firewall Patching Services
Atos Unify IP Network Services for UC
Atos Unify Managed Service Desk
Atos Unify OpenScape Installation Services
Atos Unify OpenScape IP Service
Atos Unify OpenScape Software Support
Atos Unify Performance Management
Atos Unify Proactive Fault Monitoring
Atos Unify Proactive Patch Management
Atos Unify Remote Service Platform
Atos Unify Secured Enterprise Service and Administration Platform (SESAP)
Atos Unify Service Level Management
Atos Unify Transition and Connectivity Services

* Currently available via customer request
** Circuit and Circuit Meeting Room reached order stop on June 04, 2021

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Atos 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.

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Atos Unify Product Java Dependencies
Atos Unify OpenScape 4000 (l)

OpenScape 4000 (l)						
Portfolio Element	**JRE Vendor & Version**	**JRE Dependency**	**Oracle Java SE Subscription needed**	**Server**	**Client**	**Notes**
OpenScape 4000 V8/V10 R0 OpenScape 4000 Manager V8/V10 R0	IBM JRE 7	JRE provided	No	x		
Admin-Client for OpenScape 4000 V8/V10 R0 OpenScape 4000 Manager V8/V10 R0	Oracle JRE 8	JRE required	**Yes**		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 OpenWebStart 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.

Atos Unify Product Java Dependencies
Atos Unify OpenScape 4000 (ll)

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.

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Atos Unify Product Java Dependencies
Atos 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 ▪ OScAR Professional ▪ OScAR Economy	–	–	No			No Java used.	

Atos Unify Product Java Dependencies

Atos 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 OpenJ9 JVM with OpenJDK class files.
OpenScape Business X V3 (V3 Intel Hardware)	Open JRE 8	JRE provided	No	x		OpenScape Business is using OpenJ9 JVM with OpenJDK class files.
OpenScape Business X V3 (V2 PPC Hardware)	Azul JRE 8	JRE provided	No	x		Azul is based on OpenJDK 8.
myPortal@Work	–	–	No			No Java used.
myPortal for Desktop	Azul JRE 8 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	Azul JRE 8 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	Azul JRE 8 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.

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Atos Unify Product Java Dependencies

Atos 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		

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Atos Unify Product Java Dependencies
Atos 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) *[Professional Service Solution]*	Oracle JRE 8	JRE required	**Yes**		x	If you do not intend to purchase Oracle Java SE licenses to get Java support for ComDesk: • Use a setup packet of ComDesk incl. Open JDK 11 for local installation. • Use the new ComDesk Web (web application without Java) - currently only available for Medium Voice. Both variants are customer-specific solutions & will cause additional costs.

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Atos Unify Product Java Dependencies
Atos Unify OpenScape Enterprise Express

OpenScape Enterprise Express						
Portfolio Element	**JRE Vendor & Version**	**JRE Dependency**	**Oracle Java SE Subscription needed**	**Server**	**Client**	**Notes**
OpenScape Enterprise Express V9 R4			**Yes**	x	x	Packaging of OpenScape Enterprise components: • OpenScape Voice • OpenScape SBC • OpenScape UC • OpenScape Mobile • OpenScape Contact Center • OpenScape Concierge • OpenScape Common Mgmt Portal • OpenScape Xpressions • OpenScape Deployment Service • OpenScape Web-CDC A subscription is needed due to the usage of OpenScape Contact Center and OpenScape Deployment Services. Please see the corresponding notes for the listed/affected products.

Note:

OpenScape Enterprise V10 Express Deployment

is now a deployment option of OpenScape Voice V10
and therefore no longer listed separately in this document.

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Atos Unify Product Java Dependencies
Atos Unify OpenScape First Response

OpenScape First Response						
Portfolio Element	**JRE Vendor & Version**	**JRE Dependency**	**Oracle Java SE Subscription needed**	**Server**	**Client**	**Notes**
OpenScape First Response			(see notes →)			Consists of OpenScape Voice Ecosystem plus GEMMA aspects.
GEMMA V2　　[Server]　(Global EMergency Management System)	OpenJDK JRE 8	JRE provided	No	x		With new installations of GEMMA V2 a JRE 8 from the OpenJDK project is delivered with the product.
GEMMA V2　　[Client]	–	–	No			No Java used.

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Atos Unify Product Java Dependencies
Atos 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.

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Atos Unify Product Java Dependencies
Atos 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)	IBM JRE 8, OpenJDK JRE 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.

Atos Unify Product Java Dependencies

Atos 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	**Yes**		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 OpenWebStart installer. This installer together with a JRE can be downloaded from the OpenWebStart project page.

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Atos Unify Product Java Dependencies
Atos 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 V10 (Admin client)	Oracle JRE 8	JRE required	**Yes**		x	M4 Phase-out has reached milestone M45/1 (Order Stop for Expansions).
OpenScape Fault Management V10	IBM JRE 8	JRE provided	No	x		M4 Phase-out has reached milestone M45/1 (Order Stop for Expansions).
OpenScape Fault Management V11 (Admin client)	JRE from AdoptOpenJDK 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.

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Atos Unify Product Java Dependencies

Atos Unify OpenScape UC | Atos Unify Mobile
Atos Unify OpenScape Xpressions | Atos 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		

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Atos Unify Product Java Dependencies
Atos 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) I (Customer Data Collection)	–	–	No			No Java used.

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Atos Unify Product Java Dependencies
Atos Unify OpenScape Xpert

OpenScape Xpert						
Portfolio Element	**JRE Vendor & Version**	**JRE Dependency**	**Oracle Java SE Subscription needed**	**Server**	**Client**	**Notes**
OpenScape Xpert System Manager V6 / V7 R0	Oracle JRE 8	JRE required	**Yes**	x		
OpenScape Xpert System Manager V7 R1	IBM JRE 8	JRE provided	No	x		
OpenScape Xpert V6 / V7 [MLC Server] (Multi-Line Control)	–	–	No			No Java used.
OpenScape Xpert V6 / V7 [Clients]	–	–	No			No Java used.
OpenScape Xpert V6 / V7 [Turrets]	–	–	No			No Java used.

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Atos Unify Product Java Dependencies
Atos Unify 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 AdoptOpenJDK 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.

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Atos Unify Product Java Dependencies
Atos Unify Service-Related Products (l)

Service-Related Products (ll)						
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.

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Atos Unify Product Java Dependencies
Atos 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^2)	–	–	No			No Java used.

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Thank you

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