

Generated on 2023/10/23

## ThingWorx Foundation 9.4.2.0 (9.4.2) Release Matrix

### Product Calendar

PRODUCT & VERSION	RELEASE DATE	STANDARD SUPPORT END DATE	EXTEND SUPPORT END DATE
ThingWorx Foundation 9.4.2.0 (9.4.2)	2023-10-31	2025-10-31	Not Available

### PTC Product Interoperability

#### Axeda

PRODUCT	VERSION	RELEASE DATE	STANDARD SUPPORT END DATE	EXTEND SUPPORT END DATE
Axeda Agent	6.9.4.0 (6.9.4)	2022-10-19	2024-10-18	2026-12-31
Axeda Agent Embedded	6.9.12.0	2022-10-19	Not Available	2023-12-31
ThingWorx Global Access Server	7.1.3.0 (GAS 7.1.3)	2023-04-19	2025-04-19	Not Available
ThingWorx Global Access Server	7.1.2.0 (GAS 7.1.2)	2023-01-11	2025-01-11	Not Available

#### ThingWorx

PRODUCT	VERSION	RELEASE DATE	STANDARD SUPPORT END DATE	EXTEND SUPPORT END DATE
Cache Provider API	3.14.3.2	2023-05-23	Not Available	Not Available
Cache Provider Ignite	3.14.3.2	2023-05-23	Not Available	Not Available
Eclipse Plugin for ThingWorx Extensions	9.0.1.0	2021-03-10	2023-03-10	Not Available
Integration Runtime	8.0.14.0	2023-05-23	2025-05-23	Not Available
Integration Runtime	8.0.13.0	2022-09-01	Not Available	Not Available
Security Management Tool	1.3.7.115	2023-05-23	2025-05-23	Not Available
ThingWorx Analytics Server	9.5.0.0	2024-01-05	Not Available	Not Available
ThingWorx Analytics Server	9.4.2.0	2023-10-20	2025-05-23	Not Available
ThingWorx Analytics Server	9.4.0.0	2023-05-23	2025-05-23	Not Available

ThingWorx Analytics Server	9.3.4.0	2022-08-30	2024-12-23	Not Available
ThingWorx Analytics Server	9.3.3.0	2022-06-29	2024-12-23	Not Available
ThingWorx Analytics Server	9.3.1.0	2022-03-15	2024-12-23	Not Available
ThingWorx Analytics Server	9.3.0.0	2021-12-23	2024-12-23	Not Available
ThingWorx Analytics Server	9.2.8.0	2022-06-29	2023-06-30	Not Available
ThingWorx Flow	9.4.0.0	2023-05-23	2025-05-23	Not Available
ThingWorx Navigate	9.4.0.0 (9.4.0)	2023-05-23	2025-05-23	Not Available
ThingWorx Platform Analytics	9.4.2.0	2023-10-20	2025-05-23	Not Available
ThingWorx Platform Analytics	9.4.0.0	2023-05-23	2025-05-23	Not Available
ThingWorx Platform Analytics	9.3.4.0	2022-08-30	2024-12-23	Not Available
ThingWorx Platform Analytics	9.3.3.0	2022-06-29	2024-12-23	Not Available
ThingWorx Platform Analytics	9.3.1.0	2022-03-11	2024-12-23	Not Available
ThingWorx Platform Analytics	9.3.0.0	2021-12-30	2024-12-23	Not Available
Thingworx Extensions SDK	9.4.0.0	2023-05-23	2025-05-23	Not Available
Web Components SDK Library	9.5.0.0	2023-05-23	2025-05-23	Not Available
Web Components SDK Utility	9.5.0.0	2023-05-23	2025-05-23	Not Available

## ThingWorx Connection Services

PRODUCT	VERSION	RELEASE DATE	STANDARD SUPPORT END DATE	EXTEND SUPPORT END DATE
ThingWorx Axeda Compatibility Package	2.3.1.0 (2.3.1)	2023-09-07	2025-09-07	Not Available
ThingWorx Axeda Compatibility Package	2.3.0.0 (2.3.0)	2023-05-09	2025-05-09	Not Available
ThingWorx Axeda Compatibility Package	2.2.1.0 (2.2.1)	2022-05-24	2023-12-23	Not Available
ThingWorx Axeda Compatibility Package	2.2.0.0 (2.2.0)	2021-09-14	2022-05-23	Not Available
ThingWorx Azure IoT Hub Connector	4.3.1.0 (4.3.1)	2022-09-01	2024-09-01	Not Available
ThingWorx Azure IoT Hub Connector	4.3.0.3 (4.3.0)	2022-03-24	2023-12-23	Not Available
ThingWorx Azure IoT Hub Connector	4.2.0.4 (4.2.0)	2021-06-22	2022-03-24	Not Available

ThingWorx Connection Server	9.2.2.0 (9.2.2)	2023-01-05	2025-01-04	Not Available
ThingWorx Connection Server	9.2.1.2	2022-09-21	2024-09-20	Not Available
ThingWorx Connection Server	9.2.0.1 (9.2.0)	2021-06-02	2023-12-23	Not Available

## ThingWorx Edge

PRODUCT	VERSION	RELEASE DATE	STANDARD SUPPORT END DATE	EXTEND SUPPORT END DATE
Edge MicroServer (EMS)	5.4.11.0	2023-02-02	2025-02-02	Not Available
ThingWorx Kepware Edge	1.7.263.0	2023-07-25	2025-07-25	Not Available
ThingWorx Kepware Edge	1.6.250.0	2023-01-26	2025-01-26	Not Available
ThingWorx Kepware Server	6.13.250.0	2023-01-26	2025-01-26	Not Available

## ThingWorx Edge SDKs

PRODUCT	VERSION	RELEASE DATE	STANDARD SUPPORT END DATE	EXTEND SUPPORT END DATE
.NET SDK	5.8.6.0	2023-06-30	2025-06-29	Not Available
.NET SDK	5.8.5.0	2023-01-17	2025-01-16	Not Available
.NET SDK SCM Extension	1.0.1.0	2020-01-27	Not Available	Not Available
C SDK	3.1.0.0	2023-09-19	2025-09-18	2025-10-03
C SDK	3.0.0.0	2022-12-21	2024-12-20	Not Available
C SDK SCM Extension	1.0.2.783	2022-09-16	2024-09-16	Not Available
Java SDK	7.0.1.0	2022-01-10	2024-02-10	Not Available

## ThingWorx Extensions

PRODUCT	VERSION	RELEASE DATE	STANDARD SUPPORT END DATE	EXTEND SUPPORT END DATE
CSV Import for Industrial Connectivity	1.0.1.0	2020-06-23	Not Available	Not Available
Custom Chart Extension	3.0.5.0	2020-06-23	Not Available	Not Available
JDBC	2.1.0.0 (2.1)	2020-07-21	2022-06-23	Not Available
MQTT Extension	3.1.0.0 (3.1.0)	2022-06-28	Not Available	Not Available
Mail Extension	4.1.1.0	2023-09-18	Not Available	Not Available

Remote Access Extension	3.1.7.0 (3.1.7)	2023-03-02	2023-12-23	Not Available
Remote Access Extension	3.1.6.0 (3.1.6)	2022-05-24	2023-12-23	Not Available
Software Content Management	9.4.0.0	2023-05-23	2025-05-23	Not Available

## Windchill

PRODUCT	VERSION	RELEASE DATE	STANDARD SUPPORT END DATE	EXTEND SUPPORT END DATE
Windchill PLM	12.1.0.5	2022-10-11	2022-09-30	Not Available
Windchill PLM	12.1.0.4	2022-08-17	2022-09-30	Not Available
Windchill PLM	12.1.0.3	2022-06-22	2022-09-30	Not Available
Windchill PLM	12.1.0.2	2022-04-20	2022-09-30	Not Available
Windchill PLM	12.1.0.1	2022-02-23	2022-09-30	Not Available
Windchill PLM	12.1.0.0	2021-12-29	2022-09-30	Not Available
Windchill PLM	12.0.1.5	2021-10-06	2021-09-30	Not Available

## Footnotes

### 1) Windchill

1. These versions of Windchill will be supported after their release  
- 13.0.0.0

## Windchill Systems & Software Engineering

PRODUCT	VERSION	RELEASE DATE	STANDARD SUPPORT END DATE	EXTEND SUPPORT END DATE
Windchill RV&S	13.0.0.6	2023-08-28	2023-12-30	Not Available
Windchill RV&S	13.0.0.5	2023-02-27	2023-12-30	Not Available
Windchill RV&S	13.0.0.4	2022-11-27	2023-12-30	Not Available
Windchill RV&S	13.0.0.3	2022-09-12	2023-12-30	Not Available
Windchill RV&S	13.0.0.2	2022-05-06	2023-12-30	Not Available
Windchill RV&S	13.0.0.1	2022-03-02	2023-12-30	Not Available

## Operating Systems

### Server OS

PRODUCT & VERSION	Red Hat Enterprise Linux 8.6	Red Hat Enterprise Linux 9.0	Ubuntu 20.04	Ubuntu 22.04	Windows Server 2019

ThingWorx Foundation 9.4.2.0 (9.4.2)	Yes	Yes	Yes	Yes	Yes
--------------------------------------	-----	-----	-----	-----	-----

## Client OS

PRODUCT & VERSION	Android 13+	Windows 10 Version 1909+	Windows 11 Enterprise 21H2+	iOS 16.2+	iPAD OS 16.4.1	macOS 13.5.1
ThingWorx Foundation 9.4.2.0 (9.4.2)	Yes	Yes	Yes	Yes	Yes	Yes

## Footnotes

1)

- iOS 16 - is supported for Mashup Runtime only.
- Android 13 - is supported for Mashup Runtime only.
- iPAD OS 16 - is supported for Mashup Runtime only.

# Application Compatibility

## Browser - Client OS

APPLICATION NAME	Android 13+	Windows 10 Version 1909+	Windows 11 Enterprise 21H2+	iOS 16.2+	iPAD OS 16.4.1	macOS 13.5.1
Firefox ESR 115.3+	No	Yes	Yes	Yes	Yes	No
Google Chrome 117+	Yes	Yes	Yes	Yes	Yes	No
Microsoft Edge Chromium 117+	Yes	Yes	Yes	No	No	No
Safari 16.2+	No	No	No	Yes	Yes	Yes

## Footnotes

1) Browser

ThingWorx Composer is an HTML application that runs in a browser. The required minimum resolution for Composer is 1280x1024.

Application behavior may change based on browsers that auto-update (the latest versions of Chrome, Firefox, Safari). Issues that are introduced by new browser versions will be identified and fixed as soon as possible, depending on the severity. BETA and Nightly Release versions are not supported for use.

## CAS (Central Auth Server) - Server OS

APPLICATION NAME	Red Hat Enterprise Linux 8.6	Red Hat Enterprise Linux 9.0	Ubuntu 20.04	Ubuntu 22.04	Windows Server 2019
ADFS Windows Server	No	No	No	No	Yes
AzureAD B2B/Gov	No	No	No	No	Yes

PingFederate 11.3.1	Yes	Yes	No	No	Yes
---------------------	-----	-----	----	----	-----

## Footnotes

### 1) CAS (Central Auth Server)

The above CAS(s) are the PTC-supported method for conducting Single Sign-on (SSO) to ThingWorx. CAS is only required for customers implementing SSO.

For PingFederate, PTC supports all subsequent builds within the same minor version (e.g. 11.3.x).

## Database - Server OS

APPLICATION NAME
Azure DB for PostgreSQL Flexible Server 14.8
AzureSQL Database 12.0
AzureSQL Managed Instance 12.0
InfluxDB 1.10+ Enterprise (with V1 Connector)
InfluxDB 2.6+ Open Source (with V2 Connector)
InfluxDB 2.latest Cloud
MS SQL Server 2019+
PostgreSQL 13+
PostgreSQL 14+
PostgreSQL 15.2+

## Footnotes

### 1) Database

- AzureSQL Database 12.0 -  
Additional information is located in [Using Azure SQL as the Persistence Provider](#).
- AzureSQL Managed Instance 12.0 -  
Additional information is located in [Using Azure SQL as the Persistence Provider](#).
- InfluxDB-  
Additional information is located in [Using InfluxDB as the Persistence Provider](#). InfluxDB is supported only on Linux for production usage with ThingWorx installed on supported Server OS.
- MS SQL Server Enterprise & Standard-  
Additional information is located in [Using Microsoft SQL Server as the Persistence Provider](#). MS SQL Server Enterprise & Standard 2019 - JDBC 7.4 driver is required to support MSSQL 2019.  
PostgreSQL -Additional information is located in [Using PostgreSQL as the Persistence Provider](#). PostgreSQL 13.0 requires JDBC Driver version 42.2.18

## JDK - Server OS

APPLICATION NAME
Amazon Corretto 11.0.16
Oracle JDK 11.0.16

## Server Based Third Party Applications - Server OS

APPLICATION NAME
Apache Ignite 2.14.0
Apache ZooKeeper 3.8.1

## WebServer - Server OS

APPLICATION NAME
Apache Tomcat 9.0.75

## Footnotes

### 1) WebServer

For Windows, installed using the Windows service installer. For Linux, installed manually as the standard package management does not typically have the latest versions available.