

# Compatibility Matrix for IBM TRIRIGA (TAP) 5.0

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## Compatibility Matrix for IBM TRIRIGA Application Platform 5.0

Document Version V1 (September 13, 2024)

### Important:

- The Compatibility Matrix for IBM TRIRIGA Application Platform 5.0 was posted on **September 13, 2024** and may have been updated. **The only valid version of this document is currently posted on the [Compatibility Matrix for IBM TRIRIGA Products page on IBM Support](#).** Before using the information provided in this document, make sure that you have the most current version.
- You can use [My Notifications](#) on IBM Support to subscribe to "IBM TRIRIGA Application Platform" and receive updates when the above Support page is updated.
- For a list of the Compatibility Matrix revisions, see the [Document Revision History](#) table below.

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## Introduction

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The Compatibility Matrix for the IBM TRIRIGA Application Platform provides a list of application servers, database servers, web servers, third-party servers, third-party components and operating systems (collectively “Environments”) with which the IBM TRIRIGA Application Platform is currently certified as of the date hereof.

New implementations are advised to install the most current versions of the supported third-party software. If you are on an IBM TRIRIGA Application Platform version where a required third-party product is not currently supported, you will need to upgrade to a more current IBM TRIRIGA Application Platform release in order to be in compliance with the supported Environments.

The Compatibility Matrix for the IBM TRIRIGA Application Platform will include all previously referenced third-party items that are still supported by the third party, for IBM TRIRIGA Application Platform versions that are still supported. There will be some exceptions, for example, when a new IBM® TRIRIGA® functionality is dependent on a third-party feature only available in later versions.

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Evolving computer software practices are leading to more agile responsive software management. Continuous delivery of software updates, such as the maintenance with Evergreen browsers such as Google Chrome and Mozilla Firefox, may impact existing functionality. In such an event, IBM will review the changes, and fix of these situations may require platform and/or application fix packs to restore functionality.

## IBM TRIRIGA administrator console

To promote using current platform releases, adopting a continuous-delivery model, and to easily show customers and IBM TRIRIGA Support that a platform install may be due for an update, the Administrator Console's **System Status** displays a warning if the platform build is over 6 months old. It is very important to keep up to date with platform releases and fix packs for security, stability, performance, and overall improvements.

## TRIRIGAWEB.properties

To change the time period from 6 months, you can edit the TRIRIGAWEB.properties file to add the following property: **BUILD\_DATE\_WARNING=XXX**, where **XXX** is the number of days before the Administrator Console starts to display the warning message. Be aware that there is a risk when you remain on an un-patched platform version as bug fixes and vulnerability fixes are delivered with every fix pack.

## Supported versions for IBM TRIRIGA products

See [IBM Support](#) for a complete list of supported versions of the IBM TRIRIGA Application Platform and IBM TRIRIGA Applications.

## Compatibility matrix for the IBM TRIRIGA application platform

Review the following list of application servers, database servers, web servers, third-party servers, third-party components and operating systems with which the IBM TRIRIGA Application Platform is currently certified.

## IBM TRIRIGA application version

Name	Supported Version	Notes
IBM TRIRIGA Applications	11.6, 11.5, 11.4, 11.3, 11.2, 11.1, 11.0, 10.8.0, 10.7.0	<p>Language packs for the following languages are available for IBM TRIRIGA: Arabic, Brazilian Portuguese, British English, Czech, Danish, Dutch, Finnish, French, German, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Simplified Chinese, Spanish, Swedish, Traditional Chinese, and US English.</p> <p>Starting with 11.0 / 4.0, V.R.F refers to the Version, Release, and Fix Pack number of a release. For example, Fix Pack 4.0.1. Prior to 11.0 / 4.0, V.R.M.F referred to the Version, Release, Modification (Mod), and Fix Pack number of a release. For example, Fix Pack 10.8.1.1 or Fix Pack 3.8.1.1.</p>

## Database compatibility

IBM TRIRIGA will support future versions of the vendor's database if the vendor does not remove, or explicitly or inadvertently disable, functionality that IBM TRIRIGA products rely on. Although future versions are supported, any issue that is introduced as a result of a database upgrade might require an IBM TRIRIGA Application Platform fix pack or upgrade to be fully supported.

See the [Best Practices for System Performance](#) for sizing and other recommendations.

Database Options	Supported Version	Notes
IBM DB2 Standard Edition	11.5	(N/A)
Oracle (Enterprise & Standard)	19c	(N/A)
Microsoft SQL Server	2022	Microsoft SQL Server requires JDBC Driver JTDS 1.3.1.

## Application server compatibility

The IBM TRIRIGA Application Platform installer requires a 64-bit Java 17 Virtual Machine in order to launch. In addition, a 64-bit Java 17 JDK that is supported by the Application Server vendor may be required as well. Detailed Java requirements are in the following table.

See the [Best Practices for System Performance](#) for sizing and other recommendations.

Application Server Options	Supported Version (Certified on Release)	Notes
IBM WebSphere Application Server Liberty Profile	24.0.0.1	IBM SDK Java 17 or Oracle Java SE 17 or later is required. Future Java updates are supported but might require a platform fix pack upgrade to be fully supported.
Application Server Operating Systems	AIX 7.3 Linux® Kernel 3.x to 6.x Windows Server 2022	IBM TRIRIGA Application Platform is compatible with the operating systems listed to the left and provides installers for each. Only 64-bit operating systems are supported. Future fix packs for these versions are also supported.

## Desktop client compatibility

Third-Party Components	Supported Version	Notes
Microsoft Excel Formats	.xls, .xlsx, .xlsm	Microsoft Excel spreadsheets that are saved in Excel formatting are required if you use IBM TRIRIGA Offline forms. For information on supported formulas, see <a href="#">IBM TRIRIGA Offlining - Supported Excel Functions</a> .
Microsoft Project	2021, 2019	XML, or Extensible Markup Language, is the only supported method by Microsoft for interchanging project data with other project management applications.

Third-Party Components	Supported Version	Notes
Microsoft Windows	11	Minimum hardware requirements: 2 GHz CPU, 8 GB RAM, 100 Mbps NIC, 1280x1024 resolution.
macOS	14, 13, 12	Minimum hardware requirements: 2 GHz CPU, 8 GB RAM, 100 Mbps NIC, 1280x1024 resolution. IBM TRIRIGA CAD Integrator/Publisher is not supported on macOS. Additional macOS versions may be supported per Apple policies.
BIRT Report Designer	4.16	Required for BIRT Report development. Requires Java 17.
Microsoft Edge	127	These versions are the minimum versions that are supported for each browser.  IBM TRIRIGA Perceptive Applications require the support of modern web specifications to function optimally. Only Evergreen browsers (Chrome, Edge, Firefox, and Safari) are supported when using Perceptive Applications or creating custom views in the IBM TRIRIGA UX Framework.
Mozilla Firefox	128, ESR 115.12.0	
Apple Safari	17	
Google Chrome	126	

## IBM TRIRIGA UX framework and Perceptive apps

IBM TRIRIGA will support future versions of a vendor's operating system or browser if the vendor does not remove, or explicitly or inadvertently disable, functionality that IBM TRIRIGA products rely on. Although future versions are supported, any issue that is introduced as a result of an operating system or browser upgrade might require an IBM TRIRIGA Application Platform fix pack or upgrade to be fully supported.

Operating System (Browsers)	Minimum Supported Version	Notes
Apple iOS / iPadOS (Safari, Chrome)	17, 16	Additional Apple iOS and macOS versions may be supported per Apple policies.
Google Android (Chrome)	13, 12, 11, 10	Applications that are built on the IBM TRIRIGA UX Framework, including IBM TRIRIGA Perceptive Applications, support the minimum versions of the operating systems shown. For desktop support requirements, see the <a href="#">Desktop Client Compatibility</a> section above.
macOS (Safari, Chrome)	14, 13, 12	IBM TRIRIGA supports the UX Framework components that TRIRIGA delivers and documents on the UX component documentation page. Any code that is added around TRIRIGA components, such as HTML, JavaScript, or third-party code, is the responsibility of the developer.
Microsoft Windows tablet (Edge, Chrome)	11	For information about offline support, see <a href="#">Enabling offline mode in the Perceptive apps</a> .
Microsoft Windows laptop/desktop (Edge, Chrome, Firefox)	11	<p>The UX Framework was enhanced to support ReactJS Web Applications.</p> <p>IBM TRIRIGA UX components are available in Polymer version 3.1.0 and Polymer version 1.6.1. The as-delivered IBM TRIRIGA UX Applications are rendered with Polymer version 3.1.0 and Polymer version 1.6.1. For Polymer version 3.1.0, elements and components from the Polymer Catalog, such as &lt;iron&gt; and &lt;paper&gt;, are the most current versions as of <b>February 20, 2019</b>. For Polymer version 1.6.1, elements and components from the Polymer Catalog, such as &lt;iron&gt;, &lt;paper&gt;, &lt;gold&gt;, and &lt;platinum&gt;, are the most current versions as of <b>October 20, 2016</b>.</p> <p>Applications that are written on the IBM TRIRIGA UX Framework, including Perceptive Applications, might need to be updated to support the version of Polymer delivered with the IBM TRIRIGA Application Platform.</p> <p>For information about Microsoft support for Windows 11, see <a href="#">Lifecycle FAQ - Windows</a>.</p>

## IBM TRIRIGA advanced room search

IBM TRIRIGA Advanced Room Search is an add-in for Microsoft Outlook that replaces the IBM TRIRIGA Workplace Reservation Manager add-in for Microsoft Outlook. The Advanced Room Search add-in uses Microsoft HTML5 add-in architecture and is delivered by using the IBM TRIRIGA UX Framework. For more information, see [Installing the Room Search add-in in Microsoft Outlook](#).

**Note:** To ensure that the Advanced Room Search add-in works correctly on desktop Outlook clients on Windows, you must use the Microsoft WebView2 embedded browsers. For more information, see [Browsers and webview controls used by Office Add-ins](#).

IBM TRIRIGA Advanced Room Search supports user authentication via standard TRIRIGA user name and password and Exchange identity token technology for Single Sign-On (SSO) solutions. It also supports Service Provider (SP) initiated SAML, OAuth, or OpenID Connect (OIDC) SSO. It does not support Identity Provider (IdP) initiated SSO. For more information, see [Requirements for and limitations of SSO requests in TRIRIGA Application Platform](#).

Supported Outlook Version	Supported Version	Notes
Windows: Outlook 2019 1902 or later Mac: Outlook 2019 16.66 or later Outlook for Microsoft 365 (continuous delivery)	11.6	IBM TRIRIGA Advanced Room Search functions interface with Microsoft libraries and APIs which may be subject to continuous revisions by Microsoft. As a result, Advanced Room Search features may be vulnerable to unforeseen impact introduced by such changes.  There is a limitation where the Microsoft JavaScript Library does not support all functions (including those required by Advanced Room Search) when using Outlook for Microsoft 365 with Microsoft Exchange servers on premise. Microsoft has not yet published a roadmap that indicates when or if the library will be fully supported on Outlook for Microsoft 365 on premise.

## IBM TRIRIGA CAD integrator/publisher

IBM TRIRIGA CAD Integrator/Publisher for Autodesk AutoCAD and for Bentley MicroStation supports native, Basic, NTLM, SAML, OAuth, or other Single Sign-On (SSO) technologies for providing user authentication. For more information, see [Requirements for and limitations of SSO requests in TRIRIGA Application Platform](#).

The following Autodesk AutoCAD list reflects Autodesk support policies at the time of publication. If Autodesk withdraws support for an AutoCAD version, TRIRIGA may also cease to support that version.

Product	Supported Version	Notes
IBM TRIRIGA CAD Integrator/Publisher	14.0	Installation requires full administrator access. A 64-bit operating system is required (such as Microsoft Windows 11, 64-bit). IBM SDK Java 17 or Oracle Java SE 17 or later is required.
	13.5	Installation requires full administrator access. A 64-bit operating system is required (such as Microsoft Windows 11, 64-bit). IBM SDK Java 1.8_64 or Oracle Java SE 8 Update 291 or later is required. Future Oracle Java fix packs, but not necessarily updates, are supported but might require a fix pack.
Autodesk AutoCAD Autodesk AutoCAD Architecture	2024, 2023, 2022	Supported by IBM TRIRIGA CAD Integrator/Publisher 14.0.  16 GB RAM recommended. For large drawings, 32 GB RAM recommended.  AutoCAD requires a 64-bit JRE. AutoCAD LT is not supported.
	2023, 2022, 2021, 2020	Supported by IBM TRIRIGA CAD Integrator/Publisher 13.5.  16 GB RAM recommended. For large drawings, 32 GB RAM recommended.  AutoCAD requires a 64-bit JRE. AutoCAD LT is not supported.

Product	Supported Version	Notes
Bentley MicroStation	MicroStation 2023 (MS2023)	Supported by IBM TRIRIGA CAD Integrator/Publisher 14.0. 16 GB RAM recommended. For large drawings, 32 GB RAM recommended.  All operating systems require a 64-bit JRE, and Microsoft .Net 4.8.
	Connect Edition	Supported by IBM TRIRIGA CAD Integrator/Publisher 13.5. 16 GB RAM recommended. For large drawings, 32 GB RAM recommended.  All operating systems require a 64-bit JRE, and Microsoft .Net 4.6.2.

## IBM TRIRIGA connector for BIM

IBM TRIRIGA Connector for BIM supports native, Basic, NTLM, SAML, OAuth, or other Single Sign-On (SSO) technologies for providing user authentication. For more information, see [Requirements for and limitations of SSO requests in TRIRIGA Application Platform](#).

The following Autodesk Revit list reflects Autodesk support policies at the time of publication. If Autodesk withdraws support for a Revit version, TRIRIGA may also cease to support that version. The Connector for BIM can be installed for older Revit versions, but it may not support the versions that Autodesk no longer supports.

Product	Supported Version	Notes
IBM TRIRIGA Connector for BIM	5.0	IBM TRIRIGA Connector for BIM requires Java 17 64-bit JRE for installation.
Autodesk Revit	2024, 2023, 2022	Supported by IBM TRIRIGA Connector for BIM 5.0.

## IBM TRIRIGA application platform connectors

IBM TRIRIGA supports connections to these third-party systems. For support of the third-party system itself, contact the vendor directly.

Product	Supported Version	Notes
Esri ArcGIS Server	10.6	(N/A)
Esri ArcGIS API for JavaScript	4.15	(N/A)
ENERGY STAR Portfolio Manager	14	The ENERGY STAR Portfolio Manager Web Services API is used for the IBM TRIRIGA Connector for Energy Star Benchmarking. For more information, see <a href="#">ENERGY STAR Portfolio Manager Release Notes</a> .
IBM TRIRIGA Custom Class Loader	5.0	Integrations written for IBM TRIRIGA Custom Class Loader must be compatible with the IBM or Oracle Java 17 version that is specifically running on your application server.

Product	Supported Version	Notes
IBM TRIRIGA Connector for Business Applications	5.0	Integrations built for IBM TRIRIGA Connector for Business Applications (CBA) must be compatible with Apache CXF 3.6.4 web service framework. For more information about Apache CXF, see <a href="#">Apache CXF</a> .  For more information about IBM TRIRIGA Connector for Business Applications, see <a href="#">Integrating data with the TRIRIGA Connector for Business Applications</a> .
Microsoft Exchange	Exchange 365 (Online) and hybrid Exchange implementations	(N/A)

## IBM TRIRIGA CMIS

Product	Supported Version	Notes
CMIS	1.1	IBM TRIRIGA can be configured to store documents in Enterprise Content Management (ECM) systems that support the Content Management Interoperability Services (CMIS) ECM gateway Version 1.1 of the CMIS standard, as established by OASIS. These gateways are specific to the vendor of your particular ECM and should be installed accordingly if one does not already exist in your organization.  For more information, see <a href="#">IBM TRIRIGA Platform Configuration - 3.5.2 CMIS Enablement</a> .

## Web server and third-party server compatibility

IBM TRIRIGA Application Platform supports the connection to these third-party systems. For support of the third-party system itself, contact the vendor directly. IBM has tested a number of configurations with the web servers listed and has confirmed that they are compatible with TRIRIGA as configured in our lab.

However, configuration of web servers or third-party products is the responsibility of client IT teams. Technologies such as secure protocols (SSL), Single Sign-On (SSO), firewalls, certificates, and network configurations can have downstream impact on the TRIRIGA environment when misconfigured. IBM cannot support the configuration of these other technologies and might recommend the engagement of a services team.

Category	Product or Component	Notes
Container Platforms	(N/A)	The legacy installer-based version of TRIRIGA is not available as a containerized application and is not certified as compatible with, or not supported to run on, any container platform.  Customers who want a containerized version of TRIRIGA should migrate to the IBM TRIRIGA Application Suite (TAS), which is delivered on the Red Hat OpenShift Container Platform.  For more information about migrating to TAS, contact your TRIRIGA sales representative.



Category	Product or Component	Notes
Virtualization Technologies	VMware ESXi Server IBM Cloud Virtual Server Kernel-based Virtual Machine (KVM) Amazon Web Services (AWS) Elastic Compute Cloud (EC2)	<p>The virtualization technologies listed are tested. IBM TRIRIGA might be compatible with other virtualization technologies that are compatible with the supported IBM TRIRIGA Application Platform operating systems. Issues that are found occurring only on virtualization technologies would require you to open support tickets with the virtualization support vendor.</p> <p>Whether the database layer is virtualized or runs on bare-metal hardware, you must employ dedicated fast storage for the database data files, and low-latency fast connectivity between the application server and database, to optimize database performance.</p>
Single Sign-On (SSO)	HTTP Header Remote User User Principal	<p>IBM TRIRIGA is compatible with Single Sign-On (SSO) when SSO has been configured properly. After TRIRIGA properties are enabled for SSO, TRIRIGA authentication trusts tokens that are provided by properly configured application servers with SSO.</p> <p>IBM TRIRIGA Support can assist with configuring TRIRIGA properties for SSO, but due to the number of possible configurations and supported products and technologies, IBM TRIRIGA Support cannot assist in the configuration of SSO with WebSphere Application Server Liberty. For more information, see <b><u>Requirements for and limitations of SSO requests in TRIRIGA Application Platform.</u></b></p> <p>In this document, Single Sign-On (SSO) refers to the ability to have a single set of credentials that use a directory server for multiple applications. By definition, SSO is not the same as Seamless Sign-On, which may not challenge a user for credentials during the access process.</p>
Third-Party Components	Mail (Outgoing and Incoming)	<p>Outbound email uses Simple Mail Transfer Protocol (SMTP).</p> <p>The Incoming Mail Agent can be configured for use with IMAP, IMAPS, POP3, POP3S.</p>

# Document revision history

Date	Document Version	Notes
September 13, 2024	V1	<p>Initial document version of the Compatibility Matrix for IBM TRIRIGA Application Platform 5.0. Updated document format and document links.</p> <p>Added support for IBM TRIRIGA 11.6. Added support for IBM TRIRIGA CAD Integrator/Publisher 14.0. Added support for IBM TRIRIGA Connector for BIM 5.0.</p> <p>Updated supported versions of various other software.</p> <p>Removed traditional IBM WebSphere Application Server and IBM WebSphere Application Server Network Deployment. Removed Microsoft SQL Server 2019. Removed Windows Server 2019. Removed Microsoft Windows 10. Removed macOS 11. Removed OpenText Brava! for IBM Solutions.</p> <p>Added AutoCAD 2024. Added the statement: "AutoCAD LT is not supported."</p>