

JobBOSS System Requirements

Releases 12.0– JobBOSS 2020 SP1

This document contains JobBOSS system requirements and specifies the compatible versions of JobBOSS integrations and third-party add-ons.

Contact your Customer Success Manager if:

- You have questions about these requirements
- You are planning a server migration
- You are planning a JobBOSS upgrade

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JobBOSS Minimum Hardware Requirements

Below are minimum technical requirements for installing JobBOSS:

Processor	AMD or Intel i3 2ghz Dual Core Processor or better
RAM	4 GB for client
	8 GB for server
	8 GB if client and server components installed on the same system
Resolution	1280 x 800 (OS-based resolution scaling and font magnification options are unsupported)
Network Type	Windows Domain or Workgroup (For more than 20 systems, Microsoft recommends a Domain environment.) For the JobBOSS Integration for Exact Synergy, Microsoft Active Directory (Windows Domain) is required.
Network	100 MB/sec (wired LAN connection recommended)
Free Hard Drive Space	20 GB of free hard drive space for the JobBOSS Server, Microsoft SQL Server, and JobBOSS databases; RAID configuration recommended for data protection
Terminal Server or Citrix Server	These per-session RAM requirements pertain to JobBOSS only. If hosting other software, allocate additional RAM as required by those software packages. Microsoft provides additional RDS hardware sizing and capacity planning guidance .
Each concurrent JobBOSS session	200 MB
Each concurrent Workstation Driver–only session	100 MB
Each concurrent JobBOSS session with a Scheduling user	300 MB

JobBOSS Core Requirements

See the following topics for more information:

- [Operating System \(OS\)](#)
- [Database \(Microsoft SQL Server\)](#)
- [Microsoft Office](#)
- [SAP® Crystal Reports](#)

Operating System (OS)

	2020 SP1	2020	2018 SP4	2018 SP3	2018 SP2	2018 SP1	2018	12.1	12.0
Windows Server 2019 – Essentials or Standard	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2016 – Essentials, Standard, or Datacenter	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2012 R2 – Essentials, Standard, or Datacenter	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2012 – Essentials, Standard, Datacenter, or Foundation	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 10 – Professional or Enterprise (32- or 64-bit)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 8.1 – Professional or Enterprise (32- or 64-bit)	✓	✓	✓	✓	✓	✓	✓	✓	✓

NOTES:

- JobBOSS Customer Support assumes that all current service packs and updates are installed, including Internet Explorer.
- Due to potential Issues with already installed programs (including JobBOSS), we recommend that customers do not perform “In Place” operating system updates (for example Window 7 to Windows 10).
- If your OS includes any disabled versions of .NET that are required by JobBOSS, JobBOSS will not install. Any .NET frameworks required by JobBOSS that are *not* included with your OS *will* be installed by JobBOSS. The following are required:
- **JobBOSS Client** — .NET Framework 3.0, .NET Framework 4.0 full
- **JobBOSS Services** — .NET Framework 3.0, .NET Framework 2.0
- **DC Mobile 2.0.x** — .NET Framework 4.6.1
- **Workstation Driver** — .NET Framework 4.0 full

Database (Microsoft SQL Server)

	2020 SP1	2020	2018 SP4	2018 SP3	2018 SP2	2018 SP1	2018	12.1	12.0
SQL Server 2019 – Enterprise, Standard, or Express (64-bit)	✓	✓	✓	✓					
SQL Server 2017 – Enterprise, Standard, or Express (64-bit)	✓	✓	✓	✓	✓	✓	✓	✓	✓
SQL Server 2016 – Enterprise, Standard, or Express (64-bit)	✓	✓	✓	✓	✓	✓	✓	✓	✓
SQL Server 2014 – Enterprise, Standard, or Express (32- or 64-bit)	✓	✓	✓	✓	✓	✓	✓	✓	✓
SQL Server 2012 and 2012 R2 – Enterprise, Standard, or Express (32- or 64-bit)	✓	✓	✓	✓	✓	✓	✓	✓	✓

NOTES:

- JobBOSS requires that the following are enabled: both TCP/IP and named pipes for the SQL instance, and the SQL Browser service set to autorun.
- You can only *upgrade* to SQL Server 2016 or higher if you are currently running a 64-bit version of SQL Server. If you are running a 32-bit version, you must install a *new* instance of SQL Server. For assistance on database migrations or SQL Server upgrade contact your account manager.
- You must manually update the compatibility level of each JobBOSS database (for example, **JBSettings** and **PRODUCTION**) to a supported version 2012 or later.

Microsoft Office

	2020 SP1	2020	2018 SP4	2018 SP3	2018 SP2	2018 SP1	2018	12.1	12.0
Office 2019 (32- or 64-bit)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Office 2016 (32- or 64-bit)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Office 2013 (32- or 64-bit)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Office 2010 (32-bit)	✓	✓	✓	✓	✓	✓	✓	✓	✓

NOTE: To email reports from JobBOSS, you must use 32-bit Microsoft Outlook.

SAP® Crystal Reports

	2020 SP1	2020	2018 SP4	2018 SP3	2018 SP2	2018 SP1	2018	12.1	12.0
Crystal Reports 2020	✓	✓	✓	✓	✓	✓			
Crystal Reports 2016	✓	✓	✓	✓	✓	✓			
Crystal Reports 2013	✓	✓	✓	✓	✓	✓	✓	✓	✓
Crystal Reports 2011	✓	✓	✓	✓	✓	✓	✓	✓	✓

NOTE: The full edition of Crystal Reports is only required for user-defined reporting.

JobBOSS Integration and Third-Party Add-On Requirements

See the following topics for more information:

- [CAD Bill of Material Import](#)
- [CenterPoint Payroll](#)
- [JobBOSS Data Collection \(DC\)](#)
- [JobBOSS Integration for QuickBooks](#)
- [JobBOSS Integration for Sage 50—Canadian Edition](#)
- [JobBOSS Integration for Exact Synergy](#)
- [JobBOSS Payroll](#)
- [uniPoint](#)

CAD Bill of Material Import

Software Distributed by JobBOSS	2020 SP1	2020	2018 SP4	2018 SP3	2018 SP2	2018 SP1	2018	12.1	12.0
CAD Bill of Material Import 3.5.0	✓	✓							
CAD Bill of Material Import 3.4.0	✓	✓							
CAD Bill of Material Import 3.3.0			✓	✓	✓	✓	✓		
CAD Bill of Material Import 3.2.0			✓	✓	✓	✓	✓		
CAD Bill of Material Import 3.0.0								✓	
CAD Bill of Material Import 2.1.1									✓
CAD Bill of Material Import 2.0.5									✓

NOTES:

- CAD Bill of Material Import has not been tested for compatibility and is not officially supported for use with Autodesk Inventor Vault®, or SolidWorks Enterprise PDM®. If you attempt to use Autodesk Inventor Vault or SolidWorks Enterprise PDM to retrieve drawings associated with numerous assemblies, you will not be able to select a drawing sheet / version.
- Standalone CAD Bill of Material drawing files associated with assemblies are not supported for import.

Third-Party Software Supported by CAD Bill of Material Import 3.4.0 and 3.5.0

Microsoft SQL Server 2012 or later

Microsoft Excel 2010 (32-bit), 2013 (32- or 64-bit), or 2016 (32- or 64-bit)

Third-Party Software Supported by CAD Bill of Material Import 3.3.0 and 3.2.0

Microsoft SQL Server 2012 or later

Microsoft Excel 2010 (32-bit), 2013 (32- or 64-bit), or 2016 (32- or 64-bit)

Third-Party Software Supported by CAD Bill of Material Import 3.0.0, 2.1.1, and 2.0.5

Microsoft SQL Server 2012 or later

Microsoft Excel 2010 (32-bit), 2013 (32- or 64-bit), or 2016 (32- or 64-bit)

Third-Party Software Supported by CAD Bill of Material Import 3.5.0, 3.4.0, 3.3.0, 3.2.0, 3.1.0, and 3.0.0

Autodesk Inventor 2018, 2019 (32- or 64-bit) or 2021 (32- or 64-bit) – Assembly files

SolidWorks 2017, 2018, 2019, or 2020 – Assembly and Drawing files

Third-Party Software Supported by CAD Bill of Material Import 2.1.1

Autodesk Inventor 2017 or 2018 (32- or 64-bit) – Assembly files

SolidWorks 2016, 2017, or 2018 – Assembly and Drawing files

Third-Party Software Supported by CAD Bill of Material Import 2.0.5

Autodesk Inventor 2017 (32- or 64-bit) – Assembly files

SolidWorks 2016 or 2017 – Assembly and Drawing files

CenterPoint Payroll (from Red Wing® Software)									
Third-Party Software	2020 SP1	2020	2018 SP4	2018 SP3	2018 SP2	2018 SP1	2018	12.1	12.0
CenterPoint Payroll 12.0 or later	✓	✓	✓	✓	✓	✓	✓	✓	✓

See the [CenterPoint system requirements](#) and [Red Wing Software system compatibility information](#).

JobBOSS Data Collection (DC)

Integration with DC Mobile	2020 SP1	2020	2018 SP4	2018 SP3	2018 SP2	2018 SP1	2018	12.1	12.0
DC Mobile 2.0.4	✓	✓							
DC Mobile 2.0.3	✓	✓							
DC Mobile 2.0.2			✓						
DC Mobile 2.0.1				✓	✓	✓	✓	✓	✓
DC Mobile 2.0.0				✓	✓	✓	✓	✓	✓

Each JobBOSS release coincides with compatible releases of the DC Web Service and DC Workstation Driver. For example, JobBOSS 11.12 supports releases of those two components.

NOTES:

- DC Web Service and DC Mobile are *not* supported on a Microsoft Exchange Server that is running Outlook Web Access (OWA).
- **DC Mobile 2.0.x** does *not* support the Honeywell 6500 handheld scanner. Supported mobile operating systems are listed below.
- To use **DC Mobile 2.0.x** with a Samsung device, you may need to install a keyboard app, such as Google Keyboard. On some devices, the default numeric keyboard does *not* contain the “-” character, which means that you cannot enter negative quantities.

Third-Party Hardware and Software Supported by DC Mobile 2.0.x

Zebra TC51 touch computer (handheld scanner)

Google Chrome browser on PC

Google Chrome browser on Android OS 5.0 (Lollipop) or later

Apple Safari browser on iOS 10.3 or later

JobBOSS Integration for QuickBooks

Integration Distributed by JobBOSS	2020 SP1	2020	2018 SP4	2018 SP3	2018 SP2	2018 SP1	2018	12.1	12.0
JobBOSS Integration for QuickBooks 5.7	✓	✓							
JobBOSS Integration for QuickBooks 5.6	✓	✓							
JobBOSS Integration for QuickBooks 5.5			✓	✓	✓	✓	✓	✓	✓

See the [QuickBooks system requirements](#).

NOTES:

- Windows Authentication is not supported.
- JobBOSS Integration for QuickBooks does not support the use of sub-items, which are available in some versions of QuickBooks.

Third-Party Software Supported by JobBOSS Integration for QuickBooks 5.6 and 5.7

QuickBooks Pro 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, or 2021 (including multi-currency)

QuickBooks Premier 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, or 2021 (including multi-currency)

QuickBooks Enterprise 12.0, 13.0, 14.0, 15.0, 16.0, 17.0, 18.0, 19.0, 20.0, or 21.0

Third-Party Software Supported by JobBOSS Integration for QuickBooks 5.5

QuickBooks Pro 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, or 2021 (including multi-currency)

QuickBooks Premier 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, or 2021 (including multi-currency)

QuickBooks Enterprise 12.0, 13.0, 14.0, 15.0, 16.0, 17.0, 18.0, 19.0, 20.0, or 21.0

Third-Party Software Supported by JobBOSS Integration for QuickBooks 5.4

QuickBooks Pro 2011, 2012, 2013, 2014, 2015, 2016, or 2017 (including multi-currency)

QuickBooks Premier 2011, 2012, 2013, 2014, 2015, 2016, or 2017 (including multi-currency)

QuickBooks Enterprise 12.0, 13.0, 14.0, 15.0, 16.0, or 17.0

JobBOSS Integration for Sage 50—Canadian Edition

Integration Distributed by JobBOSS	2020 SP1	2020	2018 SP4	2018 SP3	2018 SP2	2018 SP1	2018	12.1	12.0
JobBOSS Integration for Sage 50—Canadian Edition 2021.1	✓	✓	✓	✓	✓	✓	✓	✓	✓

See the [Sage 50 system requirements](#).

Third-Party Software Supported by JobBOSS Integration for Sage 50—Canadian Edition

Sage 50—Canadian Edition – Professional, Premium, or Quantum

JobBOSS Integration for Exact Synergy

Software and Integration Distributed by JobBOSS	2020 SP1	2020	2018 SP4	2018 SP3	2018 SP2	2018 SP1	2018	12.1	12.0.9	12.0
JobBOSS Integration for Exact Synergy 2018 (with Synergy Enterprise 258, 259, or 263)	✓	✓	✓	✓	✓	✓	✓			
JobBOSS Integration for Exact Synergy 2017 (with Synergy Enterprise 258 or 259)								✓	✓	
JobBOSS Integration for Exact Synergy 2016.2 (with Synergy Enterprise 257)										✓

See the [Synergy Enterprise system requirements](#).

NOTES:

- These version references are for customers who installed Exact Synergy Enterprise prior to December 1, 2015. Customers who are adding Synergy must update to the current version of JobBOSS *before* installing Synergy.
- For Exact Synergy Enterprise, a Microsoft Active Directory (Windows Domain) must be present. Synergy does not function in a Workgroup environment. The workstations, the Microsoft SQL Server, and the Synergy web server must be part of the same Active Directory.

JobBOSS Payroll

Software Distributed by JobBOSS	2020 SP1	2020	2018 SP4	2018 SP3	2018 SP2	2018 SP1	2018	12.1	12.0
JobBOSS Payroll 2017.x								✓	✓

NOTE: The 2018 Tax Tables will *not* be updated in JobBOSS Payroll. If you use JobBOSS Payroll, contact your JobBOSS representative about transitioning to CenterPoint Payroll.

uniPoint

Third-Party Software	2020 SP1	2020	2018 SP4	2018 SP3	2018 SP2	2018 SP1	2018	12.1	12.0
uniPoint 2020.1.4 and later	✓	✓	✓	✓	✓	✓	✓	✓	✓
uniPoint 2018.0.1 and later (with the JBS 2018SP1 patch)		✓	✓	✓	✓	✓	✓	✓	✓
uniPoint 2017 and later (with the JBS 2018 patch)							✓	✓	✓
uniPoint 2017 and later (without the JBS 2018 patch)								✓	✓

See the [uniPoint system requirements](#).

Revision History

Date	Update Description
December 17, 2020	Added Sage 50-Canadian Edition 2021.1 support (Released JobBOSS Integration for Sage 50-Canadian Edition 2021.1)
December 14, 2020	Added uniPoint 2020.1.4; added QuickBooks 2021 compatibility and 21.0 for Enterprise
November 9, 2020	Released JobBOSS 2020 SP1; added support for DC Mobile 2.0.4, CAD Bill of Material Import 3.5.0, and QuickBooks integration 5.7
October 1, 2020	Added Sage 50-Canadian Edition 2021.0 support (Released JobBOSS Integration for Sage 50-Canadian Edition 2021.0)
September 15, 2020	Added support for SolidWorks 2020
September 2, 2020	Removed Small Business Server 2011; added Crystal 2016 and Crystal 2020
July 7, 2020	Added Sage 50-Canadian Edition 2020.2 support (Released JobBOSS Integration for Sage 50-Canadian Edition 2020.2) Added support for Exact Synergy 263
May 20, 2020	Released JobBOSS 2020; added integration with QuickBooks 5.6; added integration with CAD Bill of Material Import 3.4; added integration with DC Mobile 2.0.3
April 3, 2020	Added Autodesk Inventor 2021 compatibility with CADBOM
February 1, 2020	Removal of JB 11.12 deprecated by ECI, Windows Server 2008 & 2008 R2, SQL Server 2008 and 2008 R2, Windows 7 & 8 due to depreciations from Microsoft
January 3, 2020	Added SP3 and SP4 compatibility with SQL Server 2019
November 19, 2019	Released JobBOSS SP4
November 8, 2019	Added QuickBooks 2020 support
October 21, 2019	Added compatibility with Office 2019 Added Sage 50-Canadian Edition 2020.0 support (Released JobBOSS Integration for Sage 50-Canadian Edition 2020.0) (removed Sage 2019.3)
October 9, 2019	Added CAD Bill of Material Import 3.3.0
July 24, 2019	Added Server 2019

Date	Update Description
July 10, 2019	Released JobBOSS SP3
June 28, 2019	Added Sage 2019.3 support (Released JobBOSS Integration for Sage 50-Canadian Edition 2019.3)
June 18, 2019	Added Sage 2019.2 support (Released JobBOSS Integration for Sage 50-Canadian Edition 2019.2)
May 28, 2019	DC Mobile 2.0.1 release
February 25, 2019	Released JobBOSS 2018 SP2, Removed Windows 7 Support (deprecation) Added QuickBooks 2019 and QuickBooks Enterprise 19.0 support, Removed JobBOSS 11.9 through 11.11 support (deprecation)
January 11, 2019	Added Sage 2019.1 support (Released JobBOSS Integration for Sage 50 – Canadian Edition 2019.1)
November 29, 2018	Added SolidWorks 2019 support, Added Autodesk Inventor 2019 support
October 1, 2018	Added Sage 2018.3 support (Released JobBOSS Integration for Sage 50—Canadian Edition 2018.3)
June 25, 2018	Released JobBOSS 2018 SP1, Removed JobBOSS Payroll (deprecation)
May 21, 2018	Released CAD Bill of Material Import 3.2.0
April 23, 2018	Released JobBOSS 2018, CAD Bill of Material Import 3.1.0, and JobBOSS Integration for Exact Synergy 2018; Removed Exact SQL Backup Utility (deprecation)
April 2, 2018	Added Sage 2018.2 support (Released JobBOSS Integration for Sage 50—Canadian Edition 2018.2)
February 15, 2018	Add SQL Server 2017 support
February 1, 2018	Removed JobBOSS 11.7 and 11.8 support (deprecation)
January 15, 2018	Added CenterPoint Payroll support; Noted JobBOSS Payroll deprecation; Updated to Eci (copyrights, product names, branding); Removed other software integrations
December 21, 2017	Added Sage 2018.1 support; Removed JobBOSS Mobile support (deprecation)
November 27, 2017	Added SolidWorks 2018 support; Clarified resolution requirements
November 9, 2017	Added Autodesk Inventor 2018 support; Updated third-party software supported by CAD Bill of Material Import
October 27, 2017	Added Sage 2018.0 support (Released JobBOSS Integration for Sage 50—Canadian Edition 2018.0)

Date	Update Description
October 24, 2017	Added QuickBooks 2018 and QuickBooks Enterprise 18.0 support
October 19, 2017	Released JobBOSS 12.1 and CAD Bill of Material Import 3.0.0
October 5, 2017	Updated integration/add-on names