

# STEP<sup>®</sup> Trailblazer

## PLATFORM AND SOFTWARE SUPPORT

Release 9.0 MP5 (November 2018)

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# Platform and Software Support for Trailblazer 9.0

## STEP Database Server

Server Component	Supported Software
Hardware architecture	x86-64 (aka. x64, AMD64, Intel 64)
Operating System (OS)	Red Hat Enterprise Linux 7.3+ / 6.8+ 64-bit Oracle Enterprise Linux 7.3+ / 6.8+ 64-bit(UEK4/UEK3 or RHEL kernel) <sup>1</sup> MS Windows Server 2016 / 2012 R2 64-bit
Database software	Oracle 12.2.0.1 64-bit SE2 and EE <sup>2</sup> Oracle 12.1.0.2 64-bit SE2 and EE <sup>2</sup> <i>Enterprise Edition may be needed if advanced Oracle options (like oracle RAC or Dataguard) are requested – this must be checked with Oracle. The STEP application itself does not require any EE features.</i>
Application Software (optional) <sup>3</sup>	Oracle Java 8 SE (Java JDK 1.8.0_162+ 64-bit) STEP DB Server Toolbox

<sup>1</sup> UEK = Unbreakable Enterprise Kernel, RHCK = Red Hat Compatible Kernel.

<sup>2</sup> Stibo Systems recommends using Oracle Database 12.2.0.1. Customers currently using Oracle Database versions prior to 12.1.0.2 must upgrade to a supported version when upgrading to STEP Trailblazer 9.0.

<sup>3</sup> Required if customer has a DBA Support agreement with Stibo Systems or if customer / hosting partner wishes to utilize the STEP DB Server Toolbox which includes scripts for e.g. Oracle RMAN backup and restore and Oracle Datapump export/import etc.

## STEP Application Server

Server Component	Supported Software
Hardware architecture	x86-64 (aka. x64, AMD64, Intel 64)
Operating System (OS)	Red Hat Enterprise Linux 7.3+ / 6.8+ 64-bit Oracle Enterprise Linux 7.3+ / 6.8+ 64-bit(UEK4/UEK3 or RHEL kernel) <sup>1</sup> MS Windows Server 2016 / 2012 R2 64-bit <sup>2</sup> (including Microsoft Visual C++ 2015 Redistributable (x64))
Server runtime environment	Oracle Java SE 8 (standalone) (Java JDK 1.8.0_162+ 64-bit) <sup>3</sup>
Reverse Proxy	Apache 2.2.x (using mod_proxy) on RHEL6 / OEL6 <sup>4</sup> Apache 2.4.x (using mod_proxy) on Windows / RHEL7 / OEL7 <sup>4</sup>
Application Software	STEP Trailblazer 9.0 STEP Asset Push <sup>5</sup>

<sup>1</sup> UEK = Unbreakable Enterprise Kernel, RHCK = Red Hat Compatible Kernel.

<sup>2</sup> Windows is not supported for In-Memory installations.

<sup>3</sup> New Java versions will be updated automatically once tested with the STEP software. This occurs during patching of the STEP Trailblazer software using the SPOT tool.

<sup>4</sup> The STEP application utilizes the default Apache HTTPD installation on RHEL and OEL. On RHEL/OEL 6 this is version 2.2.15. On RHEL/OEL 7 the version is 2.4.6. The major version does not change, but security fixes are applied when using Yum to update the RPM package.

<sup>5</sup> STEP Asset Push is configured if images from the STEP system are to be used in different formats for e.g., a website.

## STEP InDesign Server

Server Component	Supported Software
Hardware architecture	x86-64 (aka. x64, AMD64, Intel 64)
Operating System (OS)	MS Windows Server 2016 / 2012 R2 64-bit Mac OS X 10.10.x / 10.11.x / 10.12.x / 10.13.x Server 64-bit
Server runtime environment	Oracle Java SE 8 (Java JDK 1.8.0_162+ 64-bit)
Application Software	Adobe® InDesign® CC2018 Server (64-bit) <sup>1</sup> Adobe® InDesign® CC2017 Server (64-bit) <sup>2</sup> Adobe® InDesign® CC2015.3 Server (64-bit) <sup>3</sup> STEP Asset Push <sup>4</sup>

<sup>1</sup> Supported on: Mac OS X Server v10.11, v10.12, and v10.13 and Windows Server 2012 R2 and 2016.

<sup>2</sup> Supported on: Mac OS X Server v10.10, v10.11, v10.12 and Windows Server 2012 R2.

<sup>3</sup> Supported on: Mac OS X Server v10.10 and Windows Server 2012 R2. Support for InDesign Server CC2015 will end with the fall 2018 STEP release.

<sup>4</sup> STEP Asset Push is configured to 'push' images to a file system on the server to be locally available for the InDesign® Server application.

## STEP Asset Push File Server

This server is required only if the customer wishes to use high-resolution images in remote locations (i.e. offices that are not at the same site as the STEP server) for STEP'n'design (using Adobe® InDesign® Client). One server for each remote office location that uses high-resolution images is required.

Server Component	Supported Software
Hardware architecture	x86-64 (aka. x64, AMD64, Intel 64)
Operating System (OS)	Mac OS X 10.10.x / 10.11.x / 10.12.x / 10.13.x Server 64-bit Red Hat Enterprise Linux 7.3+ / 6.8+ 64-bit Oracle Enterprise Linux 7.3+ / 6.8+ 64-bit(UEK4/UEK3 or RHEL kernel) <sup>1</sup> MS Windows Server 2016 / 2012 R2 64-bit
Server runtime environment	Oracle Java SE 8 (Java JDK 1.8.0_162+ 64-bit)
Application Software	STEP Asset Push <sup>2</sup>

<sup>1</sup> UEK = Unbreakable Enterprise Kernel, RHCK = Red Hat Compatible Kernel.

<sup>2</sup> STEP Asset Push is configured to “push” images to a file system on the server to be locally available for the InDesign® Server application.

## STEP Client Requirements

### Windows Client

Server Component	Supported Software
Processor	Intel based 2.0GHz Core i3 Ivy Bridge or newer
Number of Processor Units	1
Total System Memory	Min. 4 GB (8 GB recommended)
Operating System	Windows 7 / 8 / 8.1 / 10
Storage	Minimum 5 GB free disk space for STEP Workbench installation, including client cache Additional free storage required for usage of DTP applications
Software	Java Runtime (JRE) 1.8.0_xx (latest update) / 9.0_xx (latest update) STEP Workbench Client Adobe® InDesign® CC 2018 / CC 2017 / CC 2015.x <sup>1</sup> Adobe® Illustrator® CC 2017 Browsers: IE 11, Firefox, Safari, Chrome, Edge for Windows 10 (manually tested only) Microsoft Excel: Office 2016 (32-bit, 64-bit), 2013, 2010, 2007, and 2003 <sup>2</sup>

<sup>1</sup>Client version must match the server major version. Support for CC 2015 will end with the fall 2018 STEP release.

<sup>2</sup> In an upcoming STEP Trailblazer release, Excel Office 2003 and 2007 versions will no longer be supported. Customers should ensure that they are using a supported, newer version of Microsoft Excel.

## Mac Client

Server Component	Supported Software
Processor	Intel based 2.0GHz Core i3 Ivy Bridge or faster
Number of Processor Units	1
Total System Memory	Min. 4 GB (8 GB recommended)
Operating System	Mac OS X 10.10.x / 10.11.x / 10.12.x / 10.13.x <sup>1</sup>
Storage	Minimum 5 GB free disk space for STEP Workbench installation, including client cache Additional free storage required for usage of DTP applications
Software	Java Runtime (JRE) 1.8.0_xx (latest update) / 9.0_xx (latest update) STEP Workbench Client Adobe® InDesign® CC 2018 <sup>1,4</sup> Adobe® InDesign® CC 2017 <sup>2,4</sup> Adobe® InDesign® CC 2015 <sup>3,4</sup> Adobe® Illustrator® CC 2017 Browsers: Firefox, Safari, Chrome Microsoft Excel: Office 2016 (32-bit, 64-bit), Office for Mac 2011 <sup>5</sup>

<sup>1</sup> InDesign CC2018 is supported on Mac OS 10.11, 10.12, and 10.13.

<sup>2</sup> InDesign CC2017 is supported on Mac OS 10.10, 10.11, and 10.12.

<sup>3</sup> InDesign CC2015 is supported on Mac OS 10.9, 10.10, and 10.11. Support for CC 2015 will end with the fall 2018 STEP release.

<sup>4</sup> Client version must match the server major version.

<sup>5</sup> In an upcoming STEP Trailblazer release, the Office for Mac 2011 Excel version will no longer be supported. Customers should ensure that they are using a supported, newer version of Microsoft Excel.