

System Requirements

Image Compiler

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1.0.1.0

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1 Hardware Requirements

The following list shows the minimal requirements for running Image Compiler

Processor type	Single / Dual-Core x86, AMD or similar
Processor speed	≥ 2 GHz
RAM	≥ 2 GB
Disk space	1 GB

2 Software Requirements

2.1 Introduction, predecessor Versions

The current Version of Image Compiler is provided for and was tested with a system environment based on following environmental software in their listed versions. As to our experience Image Compiler should be able to run with predecessor Versions of the listed software to the greatest possible extend. In fact due to the multitude of possible combinations new releases of Image Compiler are not tested in any possible combination of Versions of the environment software.

The usage of Image Compiler in combination with predecessor Versions up to the listed Versions might be possible without any or with minor constraints. In fact this was not tested and is not a contracted property of Orchestra.

Supported

A configuration labeled supported can be used in a production setup. Soffico GmbH confirms that the software is running in this system configuration without impacting the functions of the software. Soffico GmbH verifies this by using this configuration during quality assurance and regression testing of the software. Restrictions and limitations are fully documented to the best knowledge of Soffico GmbH. Updates on known restrictions and limitations are actively communicated by Soffico GmbH.

Compatible

A configuration labeled compatible can be used in a production setup. Nevertheless, Soffico GmbH cannot provide full or timely support for a given compatible configuration. Soffico GmbH expects no issues in such a configuration and is to date not aware of any particular problem. The documented restrictions and limitations may be incomplete. Updates on restrictions and limitations are not actively communicated.

Soffico GmbH is not responsible for any damage caused by using a compatible configuration

2.2 Java Versions

Orchestra is provided for use in combination with Java 11 with following JVM distributions:

Supported

- Oracle JDK 11.0.13
- Amazon Corretto JDK 11.0.13

Compatible

- all JDKs based on OpenJDK 11
e.g.:
Eclipse Adoptium Temurin JDK 11.0.14
Microsoft OpenJDK 11.0.13

Please note:

The 32bit Version of Java has to be used on a 32bit Version of the listed operating systems. For the 64bit Version please use the 64bit Version of the operating system.

2.3 Operating Systems

Orchestra is provided for use in combination with following operating systems and Versions:

Windows

Supported

- Windows 10

Compatible

- Windows Server 2016 (Desktop experience)
- Windows Server 2019 (Desktop experience)
- Windows Server 2022 (Desktop experience)

Linux

Supported

- Ubuntu 18.04.1 LTS
- CentOS Linux release 7.6.1810
- Debian GNU/Linux 9
- Debian GNU/Linux 10

Compatible

- Alma Linux 8.3
- Ubuntu 18.04
- Ubuntu 20.04
- Ubuntu 20.10
- Alpine Linux 3.12.1
- SUSE Linux Enterprise Server 12
- SUSE Linux Enterprise Server 15
- Red Hat Enterprise Linux 8
- Red Hat Enterprise Linux 9
- Debian GNU/Linux 11

2.4 Docker Engine

Orchestra was tested with the following docker engine Versions:

Supported

- V.20.10.22

Compatible

- V.20.10.x

2.5 Orchestra Artifact

Image compiler was tested with the following Orchestra artifact version:

Supported

- Orchestra_CD_4.12.2.0
- Orchestra_Juno_4.12.2.0
- Orchestra_CD_4.15.0.0
- Orchestra_Juno_4.15.0.0

2.6 Java for Linux

Used for Orchestra in a docker container. For supported versions, please refer to the "Java Versions" section of the Orchestra system requirements documentation for the Orchestra artifact you are using.

2.7 Base Image

Used for Orchestra in docker container. For supported versions, please refer to the "Operation Systems" section of the Orchestra system requirements documentation for the Orchestra artifact you are using.

Supported

- Amazon corretto:11
- Ubi8/openjdk-11:1.15