Installation requirements for WissIntra 1.2

The following requirements have to be fulfilled for the installation of WissIntra 1.2:

Client

- Google Chrome, Mozilla Firefox or Microsoft Edge are supported for the desktop in their latest versions.
- JavaScript has to be activated.

Minimum requirements application server (IIS):

- Internal Memory: 4 GB
- Hard drive space: 1 GB + further capacity for the operating system, documents, pictures etc. that will be stored and opened in WissIntra.
- CPU: 4 cores with 2 GHz each
- Operating system: Windows Server 2016
- .Net 4.8
- C++ Runtime 2013

Supported operating systems:

As a rule, the three latest Windows server operating systems are supported. After a new version is released, the oldest version listed is supported for another three months.

- Windows Server 2016
- Windows Server 2019
- Windows Server 2022

> **Note:** C++ Runtime is available for download via the following link:
> https://www.microsoft.com/en-us/download/details.aspx?id=40784

- http Ports „80" and „8080" should be free (for licenses)
- IIS user needs access to the storage place of the documents, which are used within the WissIntra system.
- During the data import from the MS Active Directory (AD) via LDAP, the IIS user needs access to the usage of the component services. It also needs start and activation permissions for the Active Directory during the AD import.
- For e-mail distribution a SMTP server is needed (mandatory).

Minimum requirements SQL server:

- Memory: 4 GB
- Hard drive space: 100 MB
- CPU: 4 native cores with 2 GHz each
- Microsoft SQL-Server, MS SQL Server 2016 or higher

Note: As a rule, the three latest SQL Server versions are supported. After a new version is released, the oldest listed version is supported for another three months.

Note: If you want to use the free SQL Express option for the MS SQL Server, please note the limitations of the respective version. The collected product specifications including the limitations for the variants can be found here:
https://msdn.microsoft.com/en-us/library/ms143287.aspx

Minimum requirements for a combined usage with IIS and SQL

- Windows Server 2016

- Microsoft SQL-Server, MS SQL Server 2016 or higher
- RAM: 8 GB
- Hard drive space: 1 GB + further capacity for the operating system, documents, pictures etc. that will be opened in WissIntra.
- CPU: 4 native cores with 2 GHz each

Recommended installation environment for up to 100 users

Beyond the minimum requirements, further recommendations for the system landscape are given. The recommendation is based on the number of users active in WissIntra at the same time.

Recommended environment application server (IIS):

- Dedicated application server
- Windows Server 2019
- RAM: 8 GB
- CPU: 4 native cores with 3 GHz each, at least corresponding to the Sandy Bridge architecture

Recommended environment SQL server:

- SQL Server 2019 (dedicated instance)
- RAM: 4 GB
- CPU: 4 native cores with 3 GHz each, at least corresponding to the Sandy Bridge architecture
- SSD Storage medium

Recommended environment for a combined operation of IIS and SQL:

- Dedicated server
- Windows Server 2019
- SQL Server 2019 (dedicated instance)
- RAM: 16 GB
- CPU: 4 native cores with 3 GHz each, at least corresponding to the Sandy Bridge architecture
- SSD Storage medium

Note: It is recommended that you monitor the actual load on the application and database server during operation and adjust the resources if necessary.
Regardless of the number of users, there may be deviations in the actual resources required due to company-specific data structures.

Note: We recommend that customers with more than 100 concurrent users start with the recommended installation requirements for up to 100 users and to adjust these during operation according to the actual load.