

### Purpose of document

Our experience has proven that an early involvement of the IT department in the purchasing process of an Imagic Image Management System ("IMS") is highly beneficiary for an efficient implementation process. The aim of this document is to give the IT department a first overview of the IT infrastructure required for smooth functioning of IMS.

After an order has been placed, a support engineer from Imagic will contact the customer's IT department to jointly define the detailed installation procedure.

### Recommended configuration for Image Acquisition Client PC

**Processor:** 12 cores at 4.5 GHz (e.g. AMD Ryzen 9 7900 / Intel Core i7-14700)

**Main Memory:** ≥ 32 GB RAM

**Graphics Adapter:** OpenGL-capable graphics card with up-to-date drivers

**Monitor:** Resolution 1920x1080 pixels (Full HD) or higher

**Please note:** For large X-Y scanning and stitching functions, image analysis, large reports or other complex operations we recommend ≥ 64 GB main memory (RAM), and a processor with 16 cores at 5 GHz (e.g. AMD Ryzen 9 9950X / Intel Core i9-14900).

### Recommended configuration for Office Client PC

**Processor:** 8 cores, 3.5 GHz (z.B. AMD Ryzen 7 7735U / Intel Core Ultra 7 265U)

**Main Memory:** ≥ 16 GB RAM

**Graphics Adapter:** OpenGL-capable graphics card with up-to-date drivers

**Monitor:** Resolution 1920x1080 pixels (Full HD) or higher

**Please note:** For image analysis, large reports or other complex operations we recommend ≥ 32 GB main memory (RAM) and a processor with 12 cores at 4.5 GHz (e.g. AMD Ryzen 9 7900 / Intel Core i7-14700).

### Other recommendations for an Image Acquisition- or Office Client PC

**Operating System:** Windows 11 Business / Enterprise / Pro (64-Bit)

**Microsoft Office:** Microsoft Office 365 desktop versions (64-Bit or 32-Bit, recommended 64-Bit)

Microsoft Office 2024 (64-Bit or 32-Bit, recommended 64-Bit)

Microsoft Office 2021 (64-Bit or 32-Bit, recommended 64-Bit)

### Recommended minimal configuration for IMS Application Server

<b>Processor:</b>	x64 with 4 cores and 2.5 GHz (e.g. Intel Xeon / AMD EPYC)
<b>Main Memory:</b>	≥ 16 GB RAM
<b>Software:</b>	Windows Server 2022 (64-Bit) or Windows Server 2025 (64-Bit)

**Please note:** Depending on database size and the numbers of concurrent client sessions as well as additional server modules in use we recommend a higher configuration (for specific details please contact your sales/support engineer). If Microsoft SQL Server is run on the application server we recommend at least 24 GB of RAM and a processor with 6 cores.

### Recommended configuration for Database Server

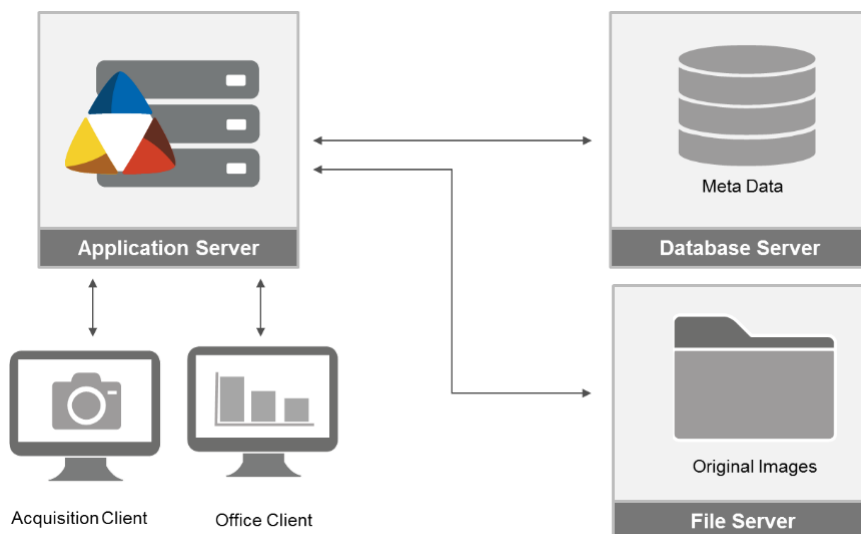
<b>Hardware:</b>	Follow vendor recommendations for the Microsoft SQL Server / Oracle Server Version in use and scale as required
<b>Software:</b>	Windows Server 2022 (64-Bit) or Windows Server 2025 (64-Bit) Microsoft SQL Server 2019 / 2022 / 2025 Standard Edition (*The free Microsoft SQL Server Express Edition can also be used for smaller network solutions and database sizes up to approx. 70'000 records) (**Oracle 19c, 21c, 23c or 23ai are also supported for larger network solutions and unlimited database sizes)

### Recommended configuration for File Server

As file server we recommend a physical server or a NAS (Network Attached Storage System) with the highest possible network speed (ideally Gigabit-Ethernet), as well as with the best possible single disk performance.

### IMS Client/Server Concept

We recommend a LAN with ≥ 1 Gbit/s and latencies ≤ 50 ms



*Illustration: Simplified architecture of IMS Client/Server concept*

Glattbrugg, February 2026