



Hardware requirements for e-prod horizon

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As requirements are constantly changing due to technological advances, please ask for the latest list if necessary. You should check your computer equipment not only before installing a Klaes solution for the first time, but also before updating an older Klaes version. More functions in the program also increase the requirements for individual workstations. Only in terminal server networks can workstations that operate purely as terminal server clients continue to be used. This is one of the many advantages of these networks: only the server needs to be kept up to date.

The following configurations apply:

Workstation:

- Standard desktop computer or nettop (no thin clients, no Atom CPUs)
- Operating system: Windows 10 (until October 2025), Windows 11 and newer
- Screen: Min. screen resolution of 1024 x 768 pixels (recommendation: min. 19" in 4:3 aspect ratio – TFT/LCD; a non-reflective touchscreen is recommended for cutting workstations)
- Scanner: Industry-standard wireless scanner, connection via keyboard interface (PS2, USB) or serial (RS232, USB) by arrangement
- Workstations are set up at the installation site by the customer

Network:

- Standard cabling (CAT5 and higher or fibre optic if necessary)
- Minimum bandwidth of 100 Mbit/s (recommended: 1000 Mbit)
- WLAN not recommended (too prone to interference – no guarantee)

Server

- The server must have access to the Klaes AV lists via share and drive mapping
- TCP/IP protocol must be installed and activated
- IP addresses (v4) must be permanently assigned throughout the entire e-prod horizon network segment; these are used to control access to e-prod horizon – no DHCP!
- Operating system: Windows Server 2016 or newer
- Memory: Min. 8 GB free RAM for e-prod horizon (recommended: 16 GB RAM)
- Processor: Min. standard desktop multi-core processor (recommended: 4-core CPU with high clock speed (> r 3.3 GHz)
- Hard disks: RAID 1, min. 128 GB free storage, fast access times (recommended: 2x 240 GB SSD/NVMe in RAID 1)
- Web server application is installed by Klaes
- Database is installed by Klaes
- Note on the terminal server:
 - e-prod horizon can run on a terminal server, but on a separate storage device
 - Users who work exclusively with e-prod horizon do not require a login or TS-Cal licences



Third-party hardware:

- Setup of PCs and peripherals on site will be charged according to time and effort.