Klaes e-prod
Hardware Requirements

WORKSTATIONS

- Standard desktop computer or nettop
  (no Thin Clients or Atom-CPU)
- Operating system: Windows 8 or newer
- Screen: Min. Image resolution of 1024 x 768 pixels
  (Recommendation: Min. 19" in 4:3 aspect ratio TFT/
  LCD; a nonreflecting touchscreen is recommended for
  working stations where materials are cut)
- Scanner: Wireless scanners according to industrial
  standards, connection via the keyboard interface
  (PS2, USB) or in series (RS232, USB) after consultation
- The customer is responsible for the installation of the
  workstations

NETWORK

- Normal cabling (CAT5 and higher or possibly LWL)
- Minimum bandwidth of 100 Mbit/s (We recommend: 1000 MBit)
- WLAN is not recommended (not reliable – no guarantee)

THIRD PARTY HARDWARE

- The installing of PCs and peripherals is calculated
  according to the time and effort on location

SERVER

- The server must have access to the Klaes work
  scheduling lists by release and drive assignment
- TCP/IP protocol must be installed and activated
- IP-addresses (v4) must be assigned as fixed in the
  entire e-prod network segment; hereby the accesses
  to e-prod are controlled – no DHCP!
- Operating system: Windows Server 2012 R2 or newer
- Memory: Min. 4 GB of free RAM for e-prod
  (We recommend: 8 GB RAM)
- Processor: Min. standard desktop multi-core processor
  (We recommend: 4-core CPU with high clock speed 3,xx)
- Hard disks: RAID 1 or higher, at least 128 GB free
  memory, fast access times (We recommend: 2x 240GB
  SSD – RAID-1)
- Web server application is installed by Klaes
- Database is controlled by Klaes
- Notes to the terminal server:
  - e-prod can run on a terminal server
  - Users who work with e-prod only don't need a login
    or any TS-Cal licences