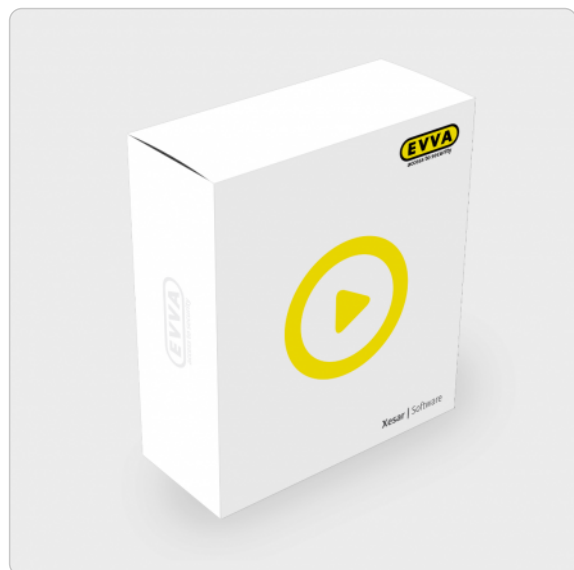EVVA
access to security

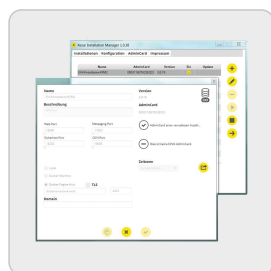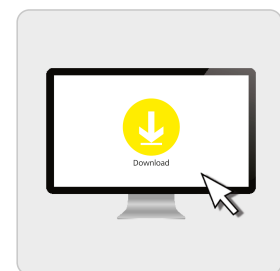# Xesar software | PC software

Product description

Xesar 3.1 software provides all the functions of a modern and effective | electronic locking system. Central features include efficient access management | event logs and user records. The transparent user interface | dynamic status display and individual settings make life easier and boost security levels. The system can be configured differently depending on the requirements. The single-user solution supports system operation by one user on a single PC. The multi-user solution enables simultaneous system operation by several users via browser access to the system server. In this case it is possible to individually configure the authorisations of employees | such as reception staff | HR team members | maintenance engineers and installation managers.

Technical information

Single-user solution system requirements	.
PC user	Operating system: Windows 10/11 Pro 64-Bit Version	CPU: quad core 2.4 GHz or higher	RAM: ≥ 8 GB	Hard disk space: ≥ 40GB	Internet to enable KeyCredits and licences	WiFi	1 × USB host 2.0	Keyboard and mouse	1920 × 1080 screen resolution	Hardware support for Windows Hyper-V for virtual environment Browser: Firefox v91	Chrome v100	Microsoft Edge v100
Multi-user solution system requirements	.
Server	Operating system: Ubuntu Server	Hypervisor: Windows Server 2016/2019, VM-ware ESXi	CPU: quad core 1.5 GHz or higher	RAM: ≥ 8 GB	Hard disk space: ≥ 40GB	Hardware support for Windows Hyper-V for virtual environment
Desktop admin	Operating system: Windows 10 Pro	64 Bit	CPU: dual core 2.4 GHz or higher	RAM: ≥ 8 GB	Hard disk space: ≥ 10GB	Hardware support for Windows Hyper-V for virtual environment	0 Internet to enable KeyCredits and licences	1 × USB host 2.0	Keyboard and mouse	1920 × 1080 screen resolution
Desktop with coding station	Operating system: Windows 7 Pro 64 bit	Windows 8.1 Pro 64 bit	Windows 10 Pro 64 bit	CPU: dual core 2.4 GHz or higher	RAM: ≥ 4 GB	Hard disk space: ≥ 1GB	Browser: Firefox v91	Chrome v100	Microsoft Edge v100	Internet to enable KeyCredits and licences	1 × USB host 2.0	Keyboard and mouse	1920 × 1080 screen resolution
Local network	LAN: fast Ethernet 100 base TX 100 Mbit	standard MTU (1500 bytes) or better	Low latency between connected components	WiFi: IEEE.802.11	IPv4 and v6 protocols	Support: HTTP/HTTPS	SSL/TLS	MQTT/MQTT SN
Required system components	.
System components	Xesar software	LAN and WiFi network	Xesar tablet	Coding station	Admin Card	Identification media	Access components
Performance features	.
User management	Management authorisation profiles are set up to match users' activities and users are assigned to said profiles

Technical information

Media and user management	Up to 65,000 identification media per system | Several identification media can be assigned per person | Identification media can be equipped with time/access-based authorisation profiles (weekly calendar with at max. 50 special days) | Public holiday calendar import | Media transfer log | Identification media updated at coding stations or online wall readers | Master key and media with restricted validity possible
Locking components	Up to 65,000 access components | Up to 96 door areas can be defined | Manual office mode: | Office mode: time-based profiles control scheduled office mode | Shop mode: manual activation of office mode | Blacklist: list of blocked identification media | Xesar virtual network: distribution of blacklists | battery warnings and access logs using identification media | DeleteKey: Blocked identification media are deactivated upon attempting identification at the door | Summer/winter time set automatically
Authorisations	Permanent access without time profile | Periodic access with time profile | Manual office mode can be activated on each medium | Release duration can be set individually | Expiry of authorisation can be set individually
Log events and events	Logs 1,000 events per locking component | Events transferred from door to software using the tablet or Xesar virtual network | Optionally allows to deactivate archiving personal events | Events that can be saved: access granted (person | door | date | time) | office mode (automatic | manual) | battery warnings | winter/summer time | firmware updates | battery replacements | Comprehensive filter | sorting and evaluation options
Interfaces	PubSub (MQTT)
Data protection	Allow deactivation of archiving personal data | Configurable saving period
Language	Available languages: CS | DE | EN | ES | FR | IT | NL | PL | PT | SK | SV
Software download	www.evva.com/xesar
System manual	www.evva.com/xesar | Print version on request