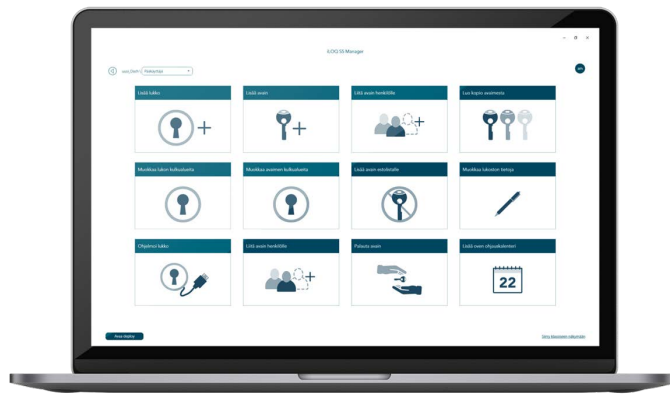


iLOQ 5 Series Manager

General

The Software as a Service (SaaS) operated iLOQ Manager in combination with an iLOQ Programming key enables advanced multisite deployment, operation, and management of all iLOQ 5 Series locking system elements such as digital locks and keys via a graphical user interface that can be flexibly adapted for different user profiles and use cases. iLOQ Manager runs on a standard Windows PC and communicates with iLOQ Cloud Service over HTTPS communication protocol.



iLOQ 5 Series Manager in brief

- Convenient management of iLOQ 5 Series locking systems
 - » Multiple access methods: digital key, key fob, RFID tag, access code, phone key via iLOQ S50 App, remote opening via iLOQ HOME App
 - » Locking system is visualized with floorplans showing lock locations
 - » Versatile access rights and time profiles
 - » Mass functions for easy deployment and daily locking system management
 - » Blocking of lost keys
 - » Audit trail reports
 - » Up-to-date system info with minimal administration effort with device-to-device (D2D) network
 - » Automatic key update scheduling
 - » A multi-level role-based user administration
 - » Multisite management.
- Centrally hosted cloud based 24/7 locking system service
 - » Easy installation
 - » Automatic updates and backups
- Supported languages:
 - » English, Finnish, Swedish, Norwegian, Danish, German, Dutch, French, Spanish, Italian, Catalan, Polish, Turkish
 - » Portuguese (AWS based locking systems)

Technical data

iLOQ 5 Series system architecture

System architecture.....Microsoft .NET server / client

Client system requirements

Client operating system.....Microsoft Windows 10 or newer

Client applicationMicrosoft Windows .NET Framework 4.8 (or newer)

Required available disk space.....~300MB

Client login verification.....Username + Password, Physical Token, Same Sign-On via Azure AD

iLOQ 5 Series management server

Server locations

- AWS Frankfurt (eu-central-1), Germany
- AWS Stockholm (eu-north-1), Sweden
- AWS North Carolina (us-east-1), U.S.
- AWS Montreal (ca-central-1), Canada
- AWS Sydney (ap-southeast-2), Australia
- Fujitsu Services Oy, Finland

Service availability.....24 hours / 7 days (excluding planned maintenance)

Client server communication.....TLS 1.2 secured web service connection (TCP port 443).

iLOQ 5 Series locking system capacity

Amount of keys per locking system.....Up to 2 000 000

Amount of locks per locking system.....Up to 1 000 000

Amount of administrators per locking system.....Up to 1 000

Amount of administration zones per locking system.....Up to 1 000

Lock audit trail capacity.....16 000 latest events

System event log capacity.....16 000 latest events

Floor plan data import format.....PDF, JPG, GIF, PNG