iLOQ MANAGER

General

The patented, award winning iLOQ locking system offers advanced security and convenient access management for master-key locking environments.

Software as a Service (SaaS) operated iLOQ Manager enables advanced multisite programming, administration and management of iLOQ locks and keys in combination with the iLOQ programming device and Microsoft Windows based PC. The iLOQ Manager provides high security functions and processes regarding data management of end customers' locking system. The locking system encryption data is shared: The first encryption key of the locking system is solely defined by the end customer and stored only to the security token; the second encryption key is generated and stored to the locking system database. All lock and key programming operations requires the first and the second encryption keys to process programming tasks. This procedure ensures high system security. Only the end customer having the security token and login passwords to the locking system can program locks and keys of the system.

iLOQ Manager in brief

The iLOQ Manager features include:
- Convenient management of iLOQ locks and keys
    - » Access right definition, restriction and change
    - » Time restrictions
    - » Automatic key overwrite
    - » Blacklisting of lost keys
    - » Audit trail reports
    - » Multisite management
- 24/7 internet connection as Software as a Service
    - » Easy installation, Microsoft.NET
    - » Automatic backups and updates
- User friendly Graphical User Interface (GUI) showing lock locations in floor plans
- High system security utilizing powerful data encryption methods

Technical data

iLOQ S10 system architecture

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

Client system requirements

Client operating system...Microsoft Windows Vista or newer
Client application ....Microsoft Windows .NET Framework 4.5
 ....(or newer)
Client login verification ....Username, Password, Security Token

iLOQ S10 management server

Server location ....Fujitsu Services Oy in Helsinki, Finland *)
Server management ....According to ISO/IEC 27001:2013
....requirements
Service availability ....24 hours / 7 days, max. maintenance break
.... 6 hours
Client server communication ....SSL secured web service connection
 ....(TCP port 443)

iLOQ S10 locking system capacity

Amount of keys per locking system ....Up to 32 000 keys
Amount of locks per locking system ....Up to 1 000 000 locks
Amount of key owners per locking system ....Unlimited
Amount of installed clients per locking system ....Unlimited
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.. Adobe PDF
Floor plan memory capacity per locking system .... 50 MB

Access right capacity

	16 bit*	24 bit*
Standard and/or conditional access right groups per locking system	8 192	2 097 152
Versional access right groups per locking system	8 192	2 097 152
Amount of versions on versional access right	65 535	65 535

* Access right capacity varies according to used locking system, 16 or 24 bit.