# iLOQ S10 MANAGER

**DATA SHEET**



## FEATURES

The patented, award winning iLOQ S10 locking system offers advanced security and convenient access management for master-key locking environments.

Software as a Service (SaaS) operated iLOQ S10 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 S10 management system 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 S10 MANAGER IN BRIEF

The iLOQ S10 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 OF iLOQ S10 MANAGER

**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**

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|---|---|
| Server location | Fujitsu Services Oy in Helsinki, Finland *) |
| Server management | According to ISO/IEC 27001:2013 requirements |

# iLOQ S10 MANAGER

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|---|---|
| Service availability | 24 hours / 7 days, max. maintenance break 6 hours |
| Client server communication | SSL secured web service connection (TCP port 443) |

*) On request also local server implementation possible

**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**

| | |
|---|---|
| Access right groups per locking system | Up to 8 000 different access rights per locking system: |
| | - Standard access right groups |
| | - "Restricted" access right groups |
| | - Access right groups with "version" |