

LOKtouch™

eVOXS™

ONE CARD

multiple solutions

Scalable, cloud-based lock management system



DESIGNED IN NEW ZEALAND

*Smart & Cost-effective
security solutions for **SMEs***

www.loktouch.com

Security and Convenience

Evoxs LMS-Pro series integrates traditional mechanical door hardware with tomorrow's access control requirements. The unique design of electronic cylinders and door handles incorporate RFID technology in a wire free solution, removing the need to engage in costly hardwiring of doors.

Traditional commercial locks provide entry and exit functions, and this combined with Evoxs smart technology allows safe yet secure access control. Each Evoxs LMS-Pro electronic cylinder is designed with an inbuilt emergency override electronic barrel ensuring that any emergency opening is tracked and controlled by the systems administrator.

The Evoxs LMS-Pro series is designed for easy installation of electronic cylinders which ensures the lowest possible setup costs. The modular design allows expansion to previously hard to control areas of an access control system including padlock gates and remote locations.

The Evoxs LMS-Pro system is controlled by Windows™ software and incorporates all the standard functions you would expect to see in access control including time restricted access, audit reporting, easy add/delete of users and blocking of lost or stolen cards.



SOFTWARE MANAGEMENT

Easily control your access requirements with user-friendly software. Quick and simple to setup with logical solutions to on-going management.

EXTENSIVE RANGE

The Evoxs range of cylinders has a modular design and is released in the most common cylinder/handle configurations.

WIRE FREE

With the latest tech and designs, enjoy all the standard benefits of a hardwired access control system with the additional costs.

STRENGTH & DURABILITY

Simple modular design which operates independently from the door locking unit to ensure maximum strength and durability.

TIME CONTROLLED

Evoxs electronic cylinders, door handles and RFID cards accept time-controlled commands ensuring entry is only by the authorized person and at the authorized time.

SECURE ENCRYPTION

Evoxs LMS-Pro uses AES-128 encryption to ensure critical data is secure.

COST EFFECTIVE

Retrofit in minutes with no need for expensive physical connections. The Evoxs LMS-Pro system provides a cost-effective solution to large scale access control requirements. The system is designed around traditional lock use, combined with electronic cylinders ensuring installation is achieved quickly and affordably.

EXPANDABLE

Evoxs LMS-Pro is fully expandable from a small two-door system to a large industrial application without needing to upgrade the software or door hardware.

TRACK & TRACE

Evoxs LMS-Pro maintains event access reporting of both the electronic cylinder and the RFID credential.

MAINS POWER FREE

Evoxs LMS-Pro uses low consumption Bluetooth power from on-board batteries to operate electronic cylinders and electronic handles. Each cylinder is built with a power free emergency opening solution.

RFID & NFC

Transfers permission data using RFID and NFC technology.

Easy Setup

1



Create & Program doors

Doors are created in the Evoxs software. Using the Portable Encoder, program the door information from the software to the electronic cylinder.

2



Create users

Create users in the Evoxs LMS-Pro software and assign expiry dates.

3



Set access permissions

Select the doors a user has permission to open and the time at which they can do this.

4



Program cards

Write the users access permissions to the RFID card using the USB table encoder.

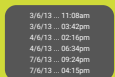
5



Swap existing locks

Easily replace existing door cylinders with Evoxs LMS-Pro electronic cylinders.

6



Collect & review audit

Use Evoxs LMS-Pro software to collect, review and manage your data.



How it Works

EXPAND & UNIFY

ADVANCED CARD CONTROL

COST-EFFECTIVE

RELIABLE & SECURE

SIMPLE & VERSATILE



MAIN SERVER

The Evoxs LMS-Pro software allows both standalone installations, and network installations. When installing the software for the first time the installation location is treated as the SERVER, and installations can be implemented on Virtual machines, Physical servers or a local PC.



NETWORK CONNECTIONS

The Evoxs LMS-Pro software is designed to operate in both a WAN and LAN environment allowing the flexibility to operate across different buildings, Cities, or Countries. This flexibility allows authorized users to modify and update access permissions from various locations without needing to return to the main installation location.



CLOUD INSTALLATION

Evoxs LMS-Pro components are designed to be compatible with our cloud-based installation options which provide real-time connection between components without the need for desktop software. Evoxs Cloud connections are available in both Android and iOS applications.



ENCODER/HOTSPOT/RELAY/CODEPAD CARD PROGRAMMING & ACCESS PERMISSIONS

The Evoxs LMS-Pro software incorporates a range of devices and solutions for updating and managing your access requirements. Regardless of your software set up, you can deploy a selection of devices to update permissions without needing direct access to a PC workstation.



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APP

LAN NETWORK



BT/NFC



BT/NFC



CODEPAD



ENCODER



RELAY



HOTSPOT



Technical Data



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CYLINDERS

Power	1 x 3v CR2 Lithium
Battery Life	2 years standby
Communication Method	Bluetooth 4.0 or higher, RFID, NFC
IP Rating	IP66
Certificates	CE, RoHS
Standard	EN 1634
Cycle Life Test	100,000 full cycle
Working Environment	-20C to +60C
Bluetooth Communication Distance	< 10m

HANDLE SETS

Door Thickness	40mm – 120mm
Spindle Dimension	7.6mm, 8.0mm
Battery Power	1 x CR123A battery, 3 x AAA batteries
Battery Life	2 Years standby
IP Rating	IP66
Communication Method	Bluetooth 4.0 or higher, RFID, NFC
Certificates	CE, RoHS
Standard	EN 1634
Cycle Life Test	100,000 full cycle
Working Environment	-20C to +60C
Bluetooth Communication Distance	< 10m

CARDS

Card Type	Mifare, NFC
Card Reading Distance	< 2cm
Encryption	AES128
Data Read/Write	Yes

SOFTWARE

Compatibility	Windows 7/8/10, Server '08/'12/'16
HDD Space	1 GB
Network Compatibility	LAN/WAN/VLAN
Database	MySQL
Security	AES128 Data Encryption
Database Protection	AES128 License Secured

KEYS

Communication Method	Bluetooth, NFC
IP Rating	IP44
Power	Re-Chargeable 3.7v
Power Connection	USB mini
Security	AES128 two-way encryption
Working Environment	-20C to +60C

OFFICE:

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DISTRIBUTION CENTRE:

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