

LOKtouch™

KMS-Pro

ONE KEY

multiple solutions



Wireless Access Control



APARTMENTS



SCHOOLS



OFFICES



FACTORIES



INFRASTRUCTURE



FORESTRY



DESIGNED IN NEW ZEALAND

Fast, easy, and smart access solutions at the turn of a key

www.loktouch.com

Security and Convenience

LOKtouch™ KMS-Pro series combines both security and convenience at the turn of a Smart Key. The unique BT/NFC technology applied to the KMS-Pro series of products allows for full access control without the need for expensive and difficult hard wiring of electric locks. This system shares between the E-Cylinder and E-Key electronic components your access permissions via secure encrypted BT/NFC data transfer, and it is this that allows you to manage a simple yet powerful auditable access control system.

The LOKtouch™ KMS-Pro smart technology allows easy installation of standard dimension cylinders to reduce setup costs. Compared to other access control systems, the KMS-Pro is fully expandable to access areas that are often too difficult. The LOKtouch™ KMS-Pro system contains a vast range of commercial cylinders, cam locks, and padlocks suitable to harsh environments, allowing access control to go beyond the limits of physically wired systems.



SOFTWARE MANAGEMENT

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

WIRE FREE

With the latest tech and designs, enjoy all the standard benefits of a hardwired access control system. The KMS-Pro requires no wiring and is easy to install.

TIME CONTROLLED

All LOKtouch™ KMS-Pro access credentials accept multiple time-zones. Access to doors is limited to when you need them opened and by whom.

FLEXIBLE ACCESS

Base access on daily working hours, weekly time tables, and annual calendars—making access simple to set and security easy to manage.

EXPANDABLE

The KMS-Pro is fully expandable from a small two-door system to a large industrial application without upgrading software or door limits.

COST EFFECTIVE

Retrofit in minutes with no need for expensive physical connections. The KMS-Pro provides the most cost-effective solution to access control. We designed the KMS-Pro around traditional lock use. The smart electronic cylinders with standard locksets ensure maintenance is always achieved quickly and at the lowest possible cost.

EXTENSIVE RANGE

The KMS-Pro system is available in a range of cylinder types to suit most commercial locking applications.

SECURE ENCRYPTION

The KMS-Pro uses AES-128 two-way data encryption to ensure that data cannot be manipulated or shared.

STRENGTH & DURABILITY

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

TRACK & TRACE

Provides full access reporting to record operational events on the opening credentials and the door E-Cylinder.

INDEPENDENT

No dedicated power required at the locks and fully functional during power outages and data communication breakdowns.

Easy Setup

1



Create & Program locks

Locks are created in LOKtouch software. Using the Program Key, program the lock information from the software to the lock.

2



Create Users

Create users in the LOKtouch software, and assigned expiry dates, validation time-frames and calendars.

3



January 01
12:00 PM

Create time zones

Setup different time zones to suit the requirements of your Users; i.e., business hours, weekend access, etc.

4



Set access permissions

Allocate which locks can be accessed by each User, and in what timezones.

5



Program keys

Program the User Keys with the Access Permissions from the LOKtouch Software. Distribute the keys assigned to each User.

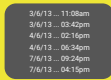
6



Swap existing locks

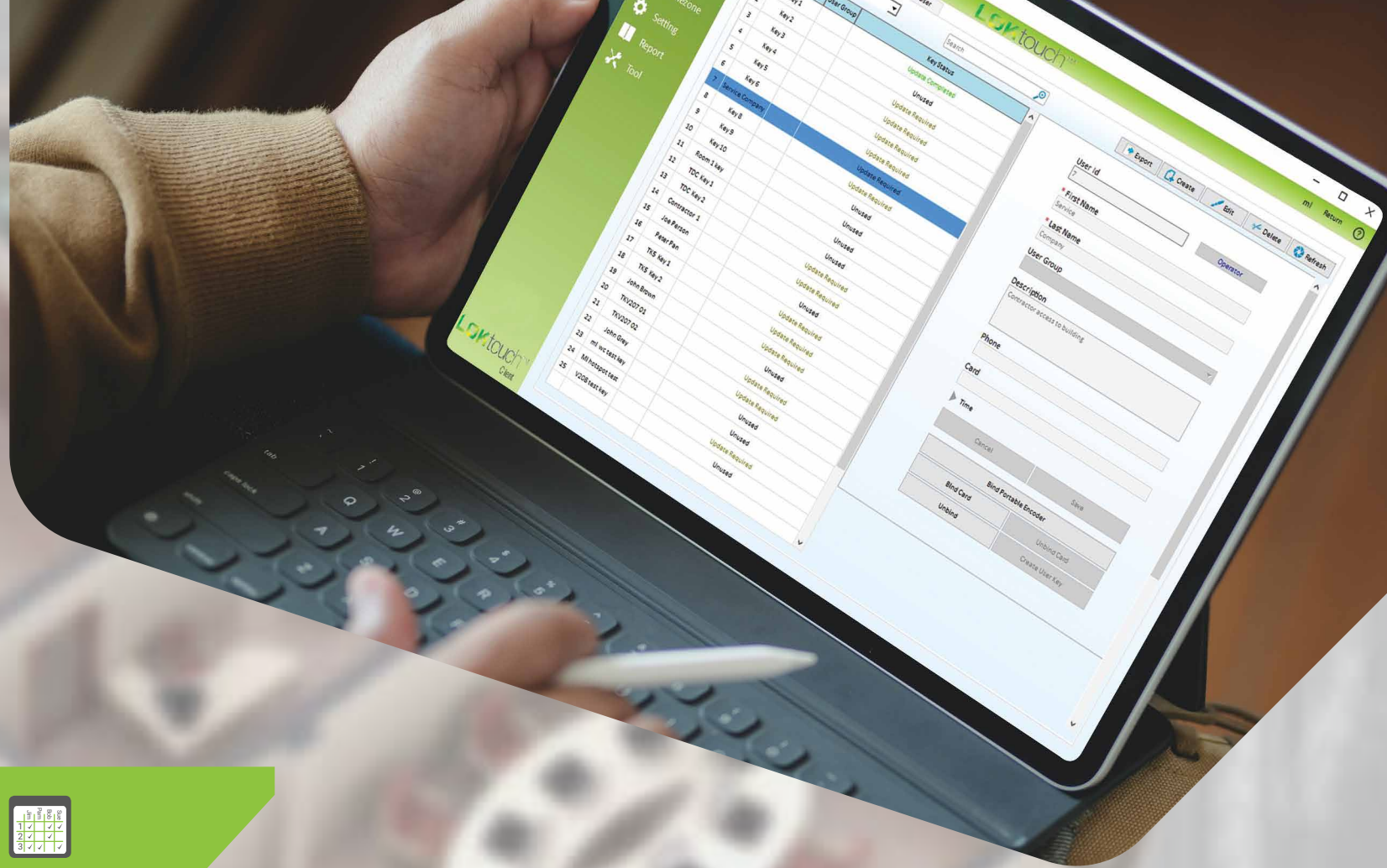
Easily replace existing locks with LOKtouch electronic lock cylinders.

7



Collect & Review Audit

Use the KMS-Pro software to collect, review and manage your data.



How it Works

EXPAND & UNIFY

ADVANCED KEY CONTROL

COST-EFFECTIVE

RELIABLE & SECURE

SIMPLE & VERSATILE



MAIN SERVER

The LOKtouch KMS-Pro software is designed around a Server-Workstation environment, making it suitable for large and small applications. Our software is suitable for all environments – when installing the software for the first time, the installation location is treated as a SERVER, whether this is a Virtual machine, Physical Server, or local PC. All subsequent installations are treated as workstation locations connecting to the main server, giving all workstations access to the main software database via a network, allowing for multiple-location-access (WAN).



WAN NETWORK

Our software works seamlessly across a Wide Area Network (WAN). Your software can operate across different Buildings, Cities, or Countries – allowing the user to modify and update access permissions without the need to return to a central location.



LAN NETWORK

Our system works seamlessly across a Local Area Network (LAN), ensuring it is one of the quickest and simplest solutions for access control in a local environment. Enjoy managing your access permissions from various locations inside your complex without the need to return to the main installation point.

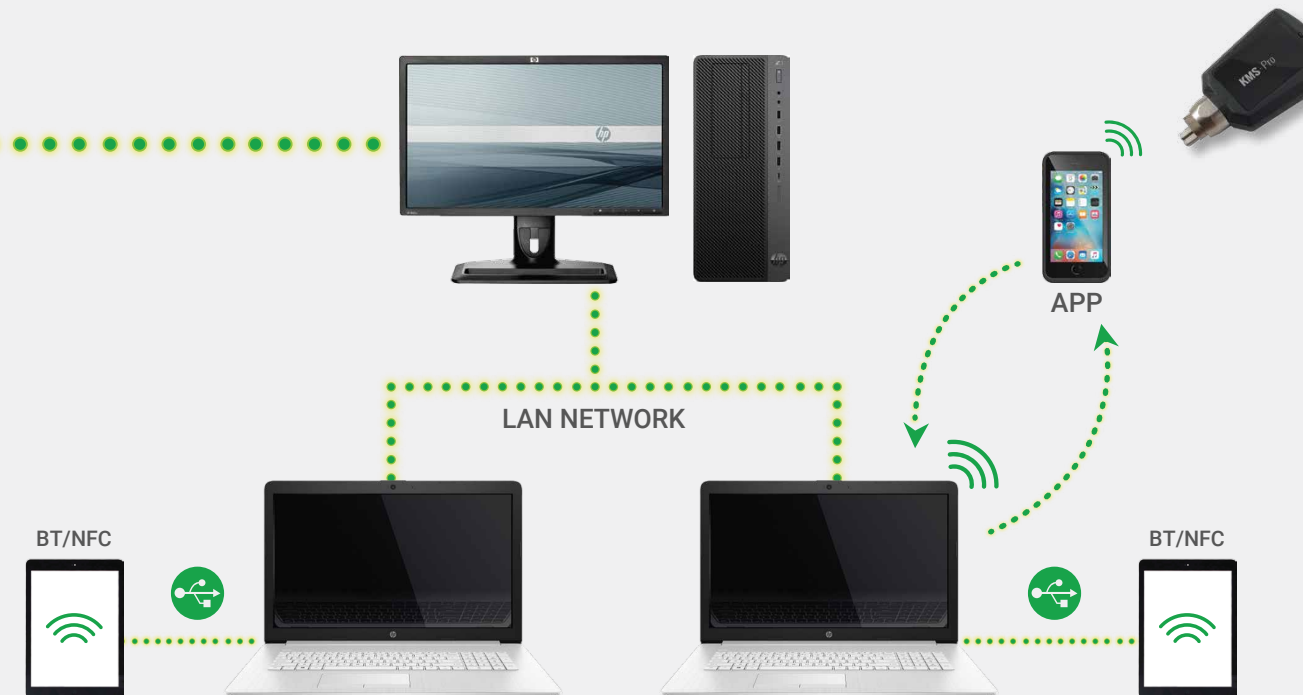


DMU / HOTSPOT / APP KEY PROGRAMMING & ACCESS PERMISSIONS

The KMS-Pro software incorporates a range of devices and solutions for updating 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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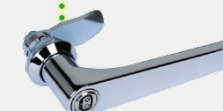
DMU



HOTSPOT



APP



A black KMS-Pro device with a silver connector.

KMS-Pro

Technical Data

LOKtouch™

KMS-Pro

KEYS

Communication Method	Bluetooth, NFC
Working Environment	-20C to +60C
IP Rating	IP44
Event storage	3000 events
Power	Re-chargeable 3.7V
Battery Life	3000 openings or 5 hours continuous Bluetooth connection
Data Retention Period	>10 years
Standby Time	>90 days
Security	AES128 two-way encryption
Memory Parameter	60,000 locks, 4000 groups, 200 Time zones
Operation indicators	LED, Buzzer
Material	UL94-VO flame resistant
Power connection	USB mini



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CYLINDERS

Power	None Required
Event storage	1000
IP Rating	IP68
Material	PH17-4 Stainless Steel
Working Environment	-40C to +70C
Water Resistance	Sealed water-resistant circuitry
Construction	Modular

SOFTWARE

Compatibility	Windows 7/8/10, Server '08/'12/'16
HDD Space	1 GB
Capacity	64000 Locks, 64000 Users
Network Compatibility	LAN, WAN, VLAN
Database	MySQL
Security	AES128 Data Encryption
Database Protection	AES128 Dongle Secured

OFFICE:

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DISTRIBUTION CENTRE:

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