



THE INTELLIGENT KEY AND STORAGE MANAGEMENT SYSTEM

Secure storage of keys and assets in a modular system, based on RFID technology and managed by an industrial computer.

WHY IS KEY AND ASSET MANAGEMENT NEEDED?



INTELLIGENT KEY & STORAGE MANAGEMENT CABINETS

- The systems are easily accessible from remote devices
- Keys can be returned either to a fixed or to any position
- Contactless - RFID based identification for every individual key position
- Increases efficiency and reduces cost
- Fully flexible and modular system
- Manage keys centrally for several buildings
- Keys and lockers can be combined within one cabinet
- Cabinets can be expanded in the future
- Managed access control system for keys and items
- Illuminated key positions make key finding easier
- Stand-alone or networked systems
- 4 year warranty

The modular design of the key cabinet panels and storage boxes allows for a custom built and variable system. The key locker and intelligent storage box system logs and tracks every key movement (key pickup, key return, door opening / closing). The key and storage cabinets can be integrated into companies' ERP and access control systems.



Who needs key management?

Due to the intelligent systems you will always know where your keys are and who is using them. You are able to define and limit key permissions for users. Each event is stored in the Log where you can filter for users, keys and so on. Each cabinet can manage up to 520 keys but more cabinets can be connected together so the number of keys which can be controlled and configured from a central office are unlimited. Key management systems are suitable for those areas where the keys should be stored in a safe and secured place.



YOU ALWAYS KNOW
who removed the key
and when it was taken or
returned



MONITOR HOW OFTEN
it was accessed and by whom



SECURE STORAGE
in steel cabinets or safes



ACCESS TO KEYS
via access code ,RFID card,
biometrics



KEYS ARE SECURED
by seals to RFID tags



DEFINE ACCESS RIGHTS
to users individually



INVOKE ALERTS
in case of missing key or
overdue keys

PRODUCTS

LoxTop product range, an intelligent asset management suite with two primary categories.

- The Key Management Systems for vehicles, buildings, facilities, parking areas or secure environments,
- The Storage Management Systems for assets, tools, special equipment.

Both systems allow business managers and administrators to store and track these stored keys and valuables via key cabinets and electronic lockers which prevents unauthorized access to them.

Both the hardware and software are developed and manufactured to meet clients' specific individual needs, and because of this, they have captured the interest of small businesses and major establishments alike. Thanks to the full modularity, the systems with same capacity can be ordered in several designs.

The cabinets are manufactured from durable materials and made with high-end software solutions which not only make the systems easy to install but also simple to operate via an intuitive customer- friendly interface.

IQ KEY CABINET



IQ 50 WALL KEY CABINET

IQ 100 WALL KEY CABINET

IQ 200 WALL KEY CABINET

IQ 300 WALL KEY CABINET



IQ 400 WALL KEY CABINET



IQ 520 WALL KEY CABINET

Box module types

Model	Height	Boxes	Outside dimensions (W×H×D)	Inside dimensions (W×H×D)
IQBoxModule-1u1d	1 unit	1 box	470 × 100 × min.127 (mm)	376 × 79 × min.125 (mm)
IQBoxModule-1u2d	1 unit	2 boxes	470 × 100 × min.127 (mm)	160 × 79 × min.125 (mm)
IQBoxModule-2u1d	2 unit	1 box	470 × 200 × min.127 (mm)	376 × 179 × min.125 (mm)
IQBoxModule-2u2d	2 unit	2 boxes	470 × 200 × min.127 (mm)	186 × 179 × min.125 (mm)
IQBoxModule-3u1d	3 unit	1 box	470 × 300 × min.127 (mm)	376 × 279 × min.125 (mm)
IQBoxModule-3u2d	3 unit	2 boxes	470 × 300 × min.127 (mm)	186 × 279 × min.125 (mm)
IQBoxModule-4u1d	4 unit	1 box	470 × 400 × min.127 (mm)	376 × 379 × min.125 (mm)
IQBoxModule-4u2d	4 unit	2 boxes	470 × 400 × min.127 (mm)	186 × 379 × min.125 (mm)

IQ BOX CABINET



IQ 20 BOX CABINET



IQ 40 BOX CABINET



IQ 140 BOX CABINET

IQ SPECIAL PRODUCTS



IQ 6 RIFLE STORAGE CABINET



CUSTOMISED IQ KEY & STORAGE CABINET



IQ 25 MINI BOX CABINET



IQ 400 SAFE KEY CABINET

IQ WEAPON STORAGE CABINET

As violence and terrorism is becoming a daily presence it is more important than ever to store firearms in a system which can securely hold them, only allowing access to authorised officers. As a solution, the LoxTop Rifle Storage cabinet with built-in pressure sensors, recognises when a weapon has been taken out and returned.

The touchscreen terminal provides an effective audit trail of events. Optional lockers with or without weight measuring function can be purchased to store ammunition/magazine.

Each LoxTop Rifle Storage Cabinet can store at least 2 rifles, with capacity for up to 40.



DIMENSIONS AND CAPACITY OF STANDARD PRODUCTS

Standard models - Key cabinets

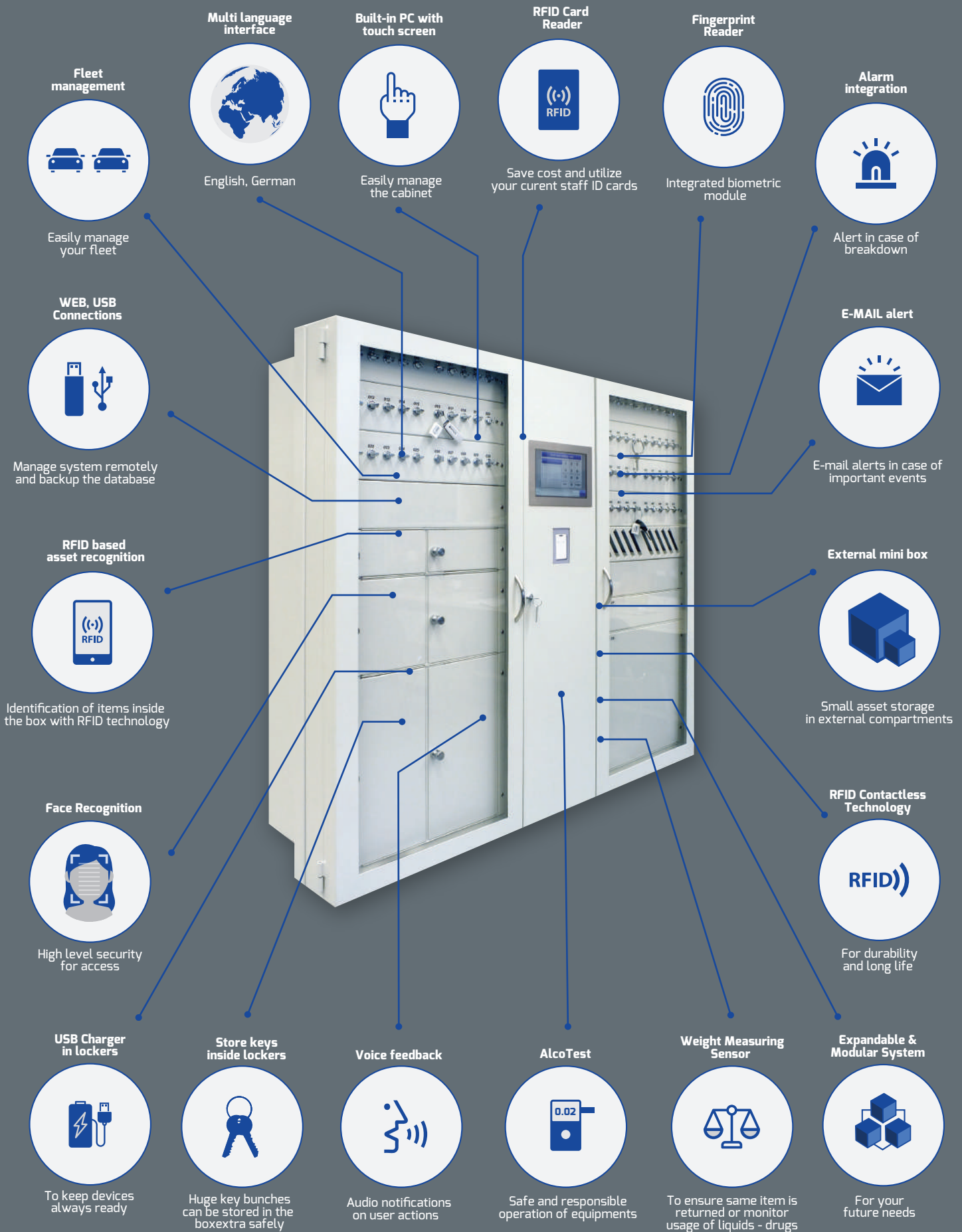
Model	Storage capacity	Physical dimensions (width × height × depth)
Key Cabinet – 50	10 – 50 keys in one frame	782 × 575 × 200 (mm)
Key Cabinet – 100	10 – 100 keys in one frame	782 × 1075 × 200 (mm)
Key Cabinet – 200	20 – 200 keys in two frames	1395 × 1075 × 200 (mm)
Key Cabinet – 300	30 – 300 keys in three frames	1955 × 1075 × 200 (mm)
Key Cabinet – 400	40 – 400 keys in four frames	2515 × 1075 × 200 (mm)
Key Cabinet – 520	40 – 520 keys in four unique frames	2515 × 1375 × 200 (mm)

Standard models - Box cabinets

Model	Storage capacity	Physical dimensions (width × height × depth)
Box Cabinet – 10	2 – 10 standard boxes in one block	782 × 575 × 200 (mm)
Box Cabinet – 20	2 – 20 standard boxes in one block	782 × 1075 × 200 (mm)
Box Cabinet – 30	4 – 30 standard boxes in two blocks	1395 × 1075 × 200 (mm)
Box Cabinet – 40	4 – 40 standard boxes in two blocks	1395 × 1075 × 200 (mm)
Box Cabinet – 50	6 – 50 standard boxes in three blocks	1955 × 1075 × 200 (mm)
Box Cabinet – 100	10 – 10 standard boxes in five blocks	3075 × 1075 × 200 (mm)



ELEMENTS OF THE SYSTEM



PRODUCT SPECIFICATIONS

SYSTEM

Cabinet Types

- Thin wall cabinet
- Key and Box Cabinet
- Storage Cabinet
- Safe

Safe Certifications

- SS3492 (Swedish Standard),
- EN 14450 Standard, "S1" qualification

Storage Capacity

- Lowest capacity is 1 box or 10 keys
- Highest capacity is 200 boxes or 400 keys

Cabinet Doors

- With/without door (right sided, left sided)
- Transparent plastic door
- Full metal door

Computer Module

Industrial PC, Intel Atom E3845 1.91 GHz, Built in SSD/HDD and external memory for backup, 4 GB DDR3 RAM, 8.9" Touch screen TFT, 2 Ethernet interfaces, RS232, USB, Windows 10 Embedded operating system.

TECHNICAL DATA

Power Requirement

230V50Hz / 110V60Hz AC

Internal Battery

7Ah, up to 45 min. operation

Consumption

60W

Operation Temperature

0 - 40°C (32°F - 104°F)

Colour of the Cabinet

- RAL 9002
- YW361F
- on demand

SECURITY

Card Reader

- USB or RS232
- Mifare 13.56MHz
- EM 125 KHz

Fingerprint Reader

- USB or RS232

Key holder

- CleverKey (keyholder with RFID-chip)

OPERATION

Number of keys and boxes which the user is able to pick up or open within one login session

10 keys and/or 10 boxes

Remote Management

- WEB Interface Available

Network Mode

- Cabinets synchronise data with each other
- Local and Central database

Communication with External Systems

- Interface is available for ERP integration
- Based on XML and WEB service

Emergency Open

- Max. 10 keys in one time
- Works using emergency key and button
- Enable emergency from external input

ADVANTAGES

- Built in a safe for higher security
- Built up of modules and later expandable
- Easy to install, Plug&Play
- 24/7 support
- Remote support available
- 4 year warranty



FEATURES OF INTELLIGENT KEY AND STORAGE MANAGEMENT SYSTEM

Cable Seal and RFID Key Holder

Built-in RFID tag in each key holder keep track of the key usage (key pickup and return). Cable Seal can be used to connect the physical key and the RFID Key Holder together providing a secure seal which cannot be split without damage.

Key Positions with OLED displays

An optional feature which provides an even more high-tech look to the cabinet and gives the users more information about the status of the keys than the standard key positions.

RFID Card Reader

RFID badges/cards can be used to log in to the cabinet. They can also be an additional authentication step by using an Access Code and an RFID badge to log in to the cabinet. It is also possible to integrate third party RFID card readers in the system if our customer has a preferred card reader.



External Miniboxes

Cost effective way for the storage of smaller items. Each Minibox has an RFID tag attached to it, which provides information for the administrators of the minibox events; removal, return. The access to these boxes can be controlled the same way as to the RFID Keys.



RFID based asset recognition

Track the usage of each device in your facility by using individual asset identification methods like RFID tagging. Our system identifies exactly which assets are in use, and what user has them.



10.1" capacitive touch-screen

A rugged industrial, Windows-powered computer is at the heart of Loxtop IQ's user interface. Alongside an easy to use touch screen, the Loxtop also features an integrated camera, two ethernet ports, a built-in SSD as well as external memory access.



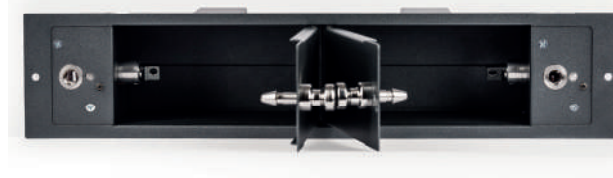
Weight measuring tray module

With the help of the measuring tray it can be ascertained if the box is empty, or the right value is placed inside.



RFID Inside Key Holder

To eradicate the possibility of key duplication, an RFID-enabled inside key holder can securely hold the most important keys to a business.



Master Key Cylinders

To lock the physical keys into the key positions. The keys are stored in key cylinders matching the door inserts. After inserting the key and turning it, the key is locked in the position, making it impossible to unauthorized personnel to access the key. Each particular key can only be returned to the proper cylinder.



MARKET SECTORS



FLEET



The Loxtop system manages your keys, assets, and fleet, which allows you to book vehicles to individuals or teams, with optional time restrictions. You can also record damage, mileage, defined parking places and more. All keys secured in the Loxtop system have a unique identification chip. The keys are accessed and returned only by the authorised users in the system by using an access code or other identification method (access cards, biometrics). Controlling huge number of vehicles, lost keys, and damages can lead to needless expenses. Loxtop key and storage systems help you to track all your keys in real time. With booking functionality, employers can be confident that the vehicle will be in the key management system at the reserved time. In daily operations, key management software will send an automatic email alert if a key becomes overdue. The fleet management software helps users gain real time visibility into their daily operations.

POLICE



Modern policing has many specific requirements, so key and asset management systems are proven to be a preferred method of storing vital equipment securely and in an auditable fashion. Loxtop IQ provides an effective method to secure assets officers and constables need to effectively serve the public, using a range of authorisation methods, including biometrics, passcodes, and ID cards to ensure that only the officer assigned to this equipment can use it, with alerts sent to key stakeholders whenever items are placed in or removed. As items are only accessible by preconfigured authorisation (usually by an administrator), assets possess an inherent audit trail, ensuring that essential pieces of equipment and evidence are stored in a traceable way. These intelligent systems can be linked together and connected to other compatible types of building management system, ensuring that essential keys and assets are easy to find when time is of the essence. The scalable, networked nature of Loxtop IQ's systems allows for a range of different types and sizes of storage lockers to be used together. Vehicles are also managed by the same method, with dedicated fleet management tools allowing for large numbers of vehicles to be individually managed.

PRISON



Loxtop intelligent key and asset management systems are fully customizable to help the daily processes that drive your prison facility, resulting in greater security and efficiency while lowering the operating costs. The Loxtop key and asset management systems can be in use 24/7. Strict access control and precise management of assets is paramount within any security-based organization. Through our intelligent key cabinets and lockers every event is recorded, generating a more controllable environment, and complete traceability for your sensitive and protected items. With key management systems you can control and manage access to prison officer keys for secured areas, vehicles, equipment and more to ensure they never get past the secure perimeter. The Loxtop asset management cabinets can be used to securely control the use of body worn cameras, weapons, tasers, pepper spray, mobile phones, and visitors' assets.

BENEFITS

- Managed access control system for keys and valuables
- Illuminated key positions make finding keys very easy
- Return any key to any open key-place and the system will remember the new position
- Provides access records and reports
- Helps reducing costs – fewer lost keys lead to lower expenses and higher security
- Improves efficiency
- Access is fully monitorable
- Items are secured in our intelligent lockers and can only be taken by authorised users
- Due to the controlled environment the users are 100% accountable for the items they use
- RFID based recognition can be used to uniquely identify the assets• Define the permissions separately for each item

GOVERNMENT



Loxtop systems meet the strict requirements of military and government institutions. It is always a difficult task to secure a government or military facility, as there are many valuable and sensitive items, restricted areas and often hundreds of staff members. This can easily consume huge amount of management resources which can leads to very high maintenance costs. Due to the embedded industrial Windows PC, you can easily check for history in the Log. Giving permissions to users which keys are allowed to use in which time period either in front of the terminal or through the Web-Application over the local network from your computer. The modular design of the key cabinet panels and storage boxes allows for a custom built and variable system (different sizes of firearms are also supported). Our products are made with contactless, RFID technology with built-in industrial PC, manufactured from durable materials and made with high-end software solutions which are easy to install, customer friendly surface and covered by our 4 year warranty.



EDUCATION

Schools, universities, and other educational facilities always have several keys that need to be stored in a secured place. You are able to define and limit key permissions for users. One cabinet can manage up to 520 keys, but more cabinets can be connected so the number of keys is unlimited, which can be controlled and configured from a central office. Keys for the different areas can be grouped with tamper-proof key rings, and the reports will ensure that the last person that removed a key can be identified. Unique storage / locker systems also help to keep mobiles and laptops, or other small assets secure in the cabinet. These modular systems can be tailored to your exact needs with various compartment sizes and extension units to increase storage capacity as you need it for the future. During emergency status all keys and lockers can be opened by the security staff. Our intelligent locker systems have unique RFID tagging solution, USB charging options and can provide secure storage for all student's devices. This way it can ensure that devices are charged and ready for use every time a student goes to remove it from the intelligent asset management system.



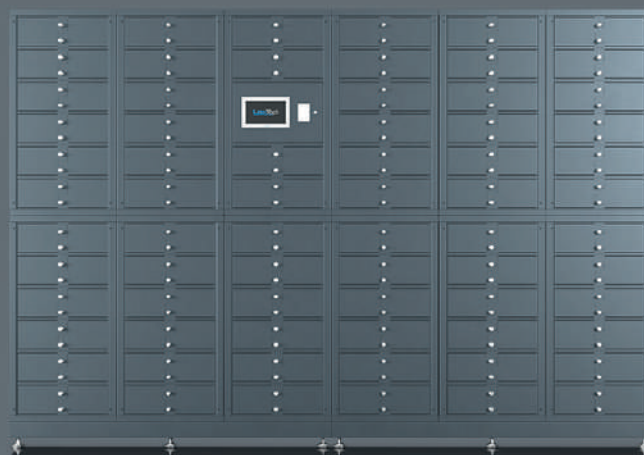
HEALTH CARE

Healthcare facilities inherently require greater levels of protection, traceability, and access control in order to ensure that medicines are safely controlled, protected and audited. Loxtop IQ systems use a range of key and asset management technologies to protect dispensing and medicine storage areas and create a comprehensive audit trail with the help of key removal notifications and weight sensors. This system can also provide effectively restrict access to rooms and buildings with expensive, complex, and potentially dangerous equipment. This not only avoids the potentially considerable expense of replacing equipment but protects staff and patients alike, detects problems ahead of time and protects organisations from liability. For paramedics, Loxtop provides a highly effective fleet management system to ensure that only authorised drivers can access the keys to emergency vehicles and keep track of when keys are removed and replaced. These highly versatile asset management systems also provide a secure storage for personal effects when medical professionals enter hazardous or sterile areas.



AIRPORTS

Loxtop offers key and storage management systems to protect keys and assets housed in airports. The product range can be used to store keys needed for access to different areas of an airport, including gates, operational spaces, and other security areas restricted from the public. These security solutions can also serve as a fleet management system for airport shuttle services and ground staff. Our software solutions let administrators generate system-wide access privileges for personnel, different keys, or work shifts. These key and asset management systems let you check the status and transaction files of any keys. You can also make scheduled reports on current key details or user transactions to investigate the daily actions. Loxtop offers you a modular, scalable security solution ideal for storing keys and assets that must be properly accounted.

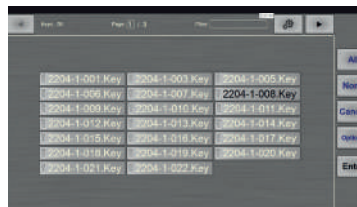
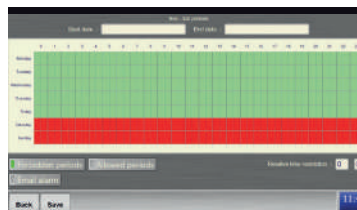
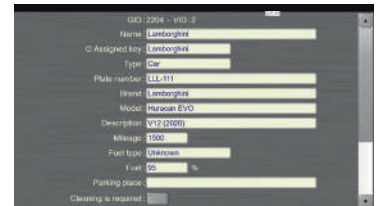
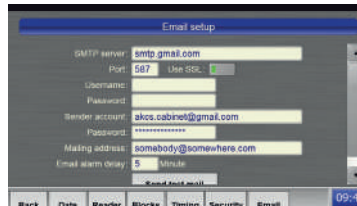
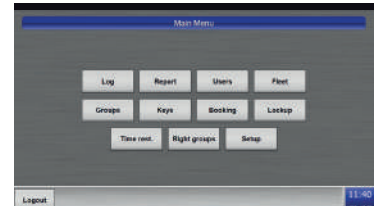


HOUSING

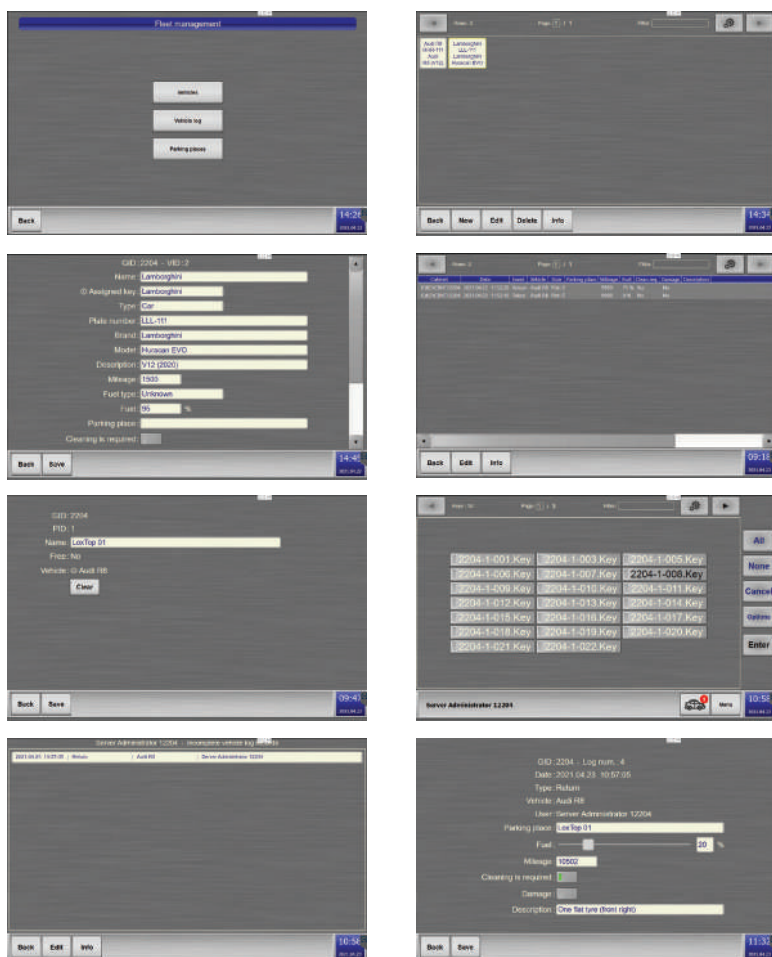
The protection of keys and assets in the Housing sector is necessary to control the status of property keys. Loxtop intelligent key management and asset management solutions can help you in this process. Cabinets can be strategically placed to provide the safe storage of property keys which are easily accessible to relevant staff. Where necessary the two-person authentication function enables a higher security level of protection of the stored keys and assets. This is particularly effective in out of hours situations. As movement of the keys is strictly controlled, the administrator knows who used which keys and when. Each key can have fixed positions in the system. For multiple properties, cabinets can be synchronised together and easily managed by the administrator in a central office.

SOFTWARE FUNCTIONS

- Detailed event log
- Customizable user profiles
- Different access levels
- Email notifications
- Fleet management
- Daily report
- Camera
- Remote help
- Automatic database backup
- Multi languages
- Worktime reports
- Possibility for automatic software update
- Personalized customer logo on the display
- Remote management via Web browser
- Booking function for keys and boxes
- Time restriction
- Database synchronization between cabinets
- Lockup possibility for key and boxes



IQ FLEET MANAGEMENT



The Key To Fleet Control.

The IQ Loxtop system manages your keys, assets and with this latest update, now allows you to book vehicles to individuals or teams, with optional time restrictions. All controlled by RFID technology.

Collect from one site, drop off at another. With the Fleet Management software update comes a secure 'one way trip' feature which enables vehicle keys to be deposited at different locations which have been linked and authorised by your company fleet manager.

Control your vehicles with the following options:

- Name:
- Fuel:
- Assigned Key:
- Parking place:
- Type:
- Cleaning is required:
- Plate Number:
- Damage:
- Brand:
- Service Int Day:
- Model:
- MOT Expiry date:
- Description:
- Last service date:
- Milage:
- Lst service (milage):
- Fuel type:



KEYRING OPTIONS

Key Cabinet System - Smart Key Holder

One time use Keyring, with wired cable – keep your keys secured and together.

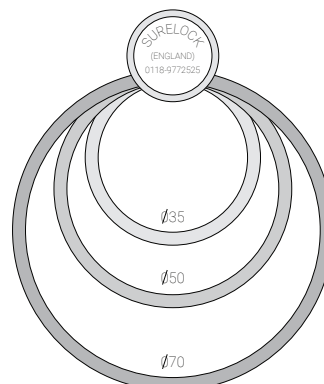
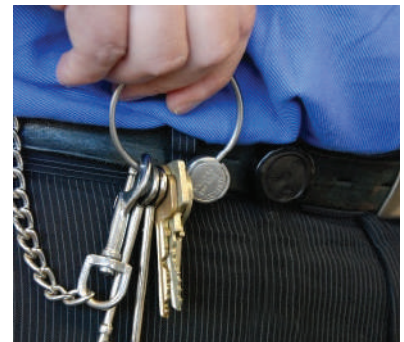


“Keep your keys secured and together”

Sealed Keyring - Secure Keyring with Resealable feature

The Surelock resealable ‘AN400’ range of keyrings have been designed to prevent unauthorised key removal/exchange with cost benefit of re-cycling the ring using special tooling.

- Resists unauthorised key removal
- High resistance to abuse/misuse
- Tamperproof
- Reusable ring
- Only resealable by use of special tooling
- All stainless-steel construction



INSTALLATION & SERVICING

Safelocking offer the option to include installation with any Key & Asset Management System, we work with 247 National to ensure our customers are served with fully trained professionals.

247 National has for several years provided bespoke lock servicing and maintenance of security locking systems and is part of the Surelock McGill Group of security companies.

They provide national coverage for planned installations & maintenance as well as emergencies.

247 National engineers and locksmiths are fully trained and have the backing of the manufacturers to provide spare parts and service items together with technical support as required.



www.247national.co.uk
sales@247national.co.uk



Security Door & Lock Repairs



Planned Preventative Maintenance



Locksmithing Services

247 Engineers

They are fully trained to the highest levels including Health and Safety and CNI site-specific requirements.



EUSR
BY ENERGY & UTILITY SKILLS



BESC



Working with the highly certified engineers at 247 National ensures that Safelocking is able to provide quality products as well as expert installation, repair, and maintenance services.





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Part of the
Surelock McGill Group



Securing the people
who secure the country