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IOLAN Asset management



All large organisations recognise the importance of having secure control and management of all-important business assets that must be made available to authorised persons internally at all times, yet not fall into the hands of externals.

-JUDICIAL INSTITUTIONS, POLICE, HEALTHCARE, DEFENCE, INDUSTRY, GOVERNMENT, UTILITY-

For the controlled management; issue/return, release, charging, registration and reporting of:

- Φ Keys
- Φ Smartphones
- Φ Laptops
- Φ Tablets
- Φ Pagers & DECT
- Φ Walkie-talkies
- Φ Weapons
- Φ Tools
- Φ Medicines
- Φ Badges
- Φ USB sticks etc.



Calamities
Lockers
Terminal
Service
BHV
ID
MAI
Vandal resistance
Reports
PIN
Rijkspas
Weapons
KeySafe
Calendars
VoIP
Intercom
Personal items usage
Signaling
Tablets
Smartphones
Registrations
Asset management
Access control
KeyWall
Charging
Key management
PZI
KeyLock
Modular
Storage
Locker management
Job related
Key banches
Sphere
RFID
MIFARE
DECT
Walkie-Talkies
Fire
Verification
Assets
Safes
Emergency release
Detection
Management



Asset management

IOLAN: 30 YEARS OF EXPERIENCE WITH KEY MANAGEMENT

With 30 years of experience in key management, access control, intercom and security management, IOLAN has set up a new line of asset management products. The expertise and quality we have at our disposal ensure present-day requirements and standards for ergonomics, functionality, privacy, flexibility, sustainability and cybersecurity are met. The result? These four affordable high-quality products:

- **KeyWall** Wall with locked and identified bunches of keys
- **KeyLock** Lockers with identified keys and/or mobile devices
- **KeySafe** Certified safe for locked and identified bunches of keys
- **Locker** Locker wall for registered storage, loading and issuing of assets

Characteristic features:

- Vandal resistant touchscreen
- Access control integration
- Extensive logging
- Various reports
- Operation/service menu
- Detailed alarms
- User-friendly
- MIFARE DESFire RFID
- Standalone and online
- Emergency power supplies
- Suitable for Rijkspas

The right product or combination of products can be used depending on the desired accessibility, safety, quantity and type of goods. IOLAN has also regularly acted as a partner for the development of new special products for asset management.

IOLAN Sphere as the overarching software platform makes the central management of these asset management solutions possible. Combining access control, VOIP Intercom and Security Management from IOLAN, professional security projects can be achieved. This includes answering issues within law enforcement, central government, industry, healthcare and utilities regarding key and asset management.

ALREADY OVER 50,000 ASSETS UNDER CONTROL!

2022 - 

- KeyWall 40 & 80
- KeyLock generation 3
- KeySafe
- Locker
- SmartLock
- ChargeLock
- KeyLock generation 2
- KeyBar
- KeyLock

1992 -



controlling your surroundings

THE SOURCE; YOU ARE WITH THE CREATORS...

When choosing an asset management system, an independent and reliable producer is an important criterion. But the possibility of customising a solution and design in accordance with applicable requirements and standards are part of the decision-making process as well. Finally, an investment requires a guarantee in the form of a warranty and good lifespan. In short, in addition to the product, the company behind it is also important.

IOLAN is a fully independent Dutch company that develops hardware, embedded software and software applications for all its own products. These combinations guarantee optimal and seamless integration of asset management solutions while enabling customer-specific product development. IOLAN enjoys solving challenges set by customers when developing new products.

Driven by the latest technologies and standards, IOLAN tailor-made products meet all the common standards and norms (ISO/CE/NEN/IEC). Using the .NET platform, IOLAN software applications, such as access control and asset management, are constantly being expanded and developed.

With software tools such as Altium and SolidWorks, IOLAN products are designed with 3D modelling. With choices for world standards at the component level, and the retention of stock, production can be started easily. This means the IOLAN asset management solutions can, for a longer period of time, be supported and adjusted efficiently.



Development & realization

- Φ All research & development in-house
- Φ Up-to-date high-quality knowledge
- Φ Full automation of production process
- Φ Efficient implementation of product
- Φ Customer-specific product development
- Φ State of the art design (Industry 4.0)
- Φ 3D modelling technology/hardware
- Φ High quality: long life (no EoS)

PROJECT MANAGEMENT & SERVICE

A team of engineers is drawn together for each asset management project that is to be completed. Following an internal fixed standard procedure ensures the entire project is thoroughly prepared. The control of production, the making of Autocad drawings, and the drawing up of a project plan with planning in close consultation. The engineers take care of the programming, configuration and final project completion on location. After commissioning, testing and training, the delivery and transfer to the service organisation follows.

IOLAN's service organisation provides the necessary 24/7 support and annual preventive maintenance to guarantee high-quality and long-term operation of the IOLAN systems.

RECOGNISABLE SITUATIONS

- When were certain keys used last, who has them now, and where are they?
- How do we limit the risk of losing keys from critical buildings and/or areas?
- In what way can an emergency response officer be given managed access to essential keys during an emergency?
- Who bears the risks and costs for the possible consequences of uncontrolled key management?

KEY MANAGEMENT WITH KEYWALL

Mechanical keys are a permanent everyday tool almost everywhere, and they are especially useful for the guaranteed operation of doors in the event of an emergency. This also carries risks: unauthorised access to rooms, buildings and vehicles, as well as high costs in case of loss. In short, professional management is important.

The IOLAN KeyWall prevents loss and maintains a grip on the key bunches in use while offering optimal control and management. After authorisation and assignment, KeyWall takes care of the controlled issue/return, registration and monitoring. Users are given access to their assigned bunches of keys, which can be assigned individually, to a group, or to a function in the IOLAN Sphere software.

The KeyWall can be used in all organisations in which keys are in circulation and where good management and overview are crucial.

KeyWall offers a modular solution: all your keys under control!



IOLAN KeyWall

- ⌘ Individual position switching
- ⌘ Unique MIFARE DESFire detection
- ⌘ Easily expandable modular system
- ⌘ Smart key ring locking and unlocking
- ⌘ Intelligent LED status per key position
- ⌘ Flat wall mounting with or without door



"IOLAN KeyWall with Sphere gives me up-to-date management information about the organisation and use of all our internal keys, resulting in a feeling of security."



DOCUMENTATION

KEYLOCK: 25 YEARS OF SUCCESS, NOW RENEWED

The manual registration, issue/return of bunches of keys and pagers requires many FTEs and time. The bigger the organisation or institution, the higher the operational costs and the greater the chance of errors, misuse and loss, with the associated risks. In short, automating the management of assets delivers risk reduction, improvement of the TCO (Total Cost of Ownership) and continuity in the business processes.

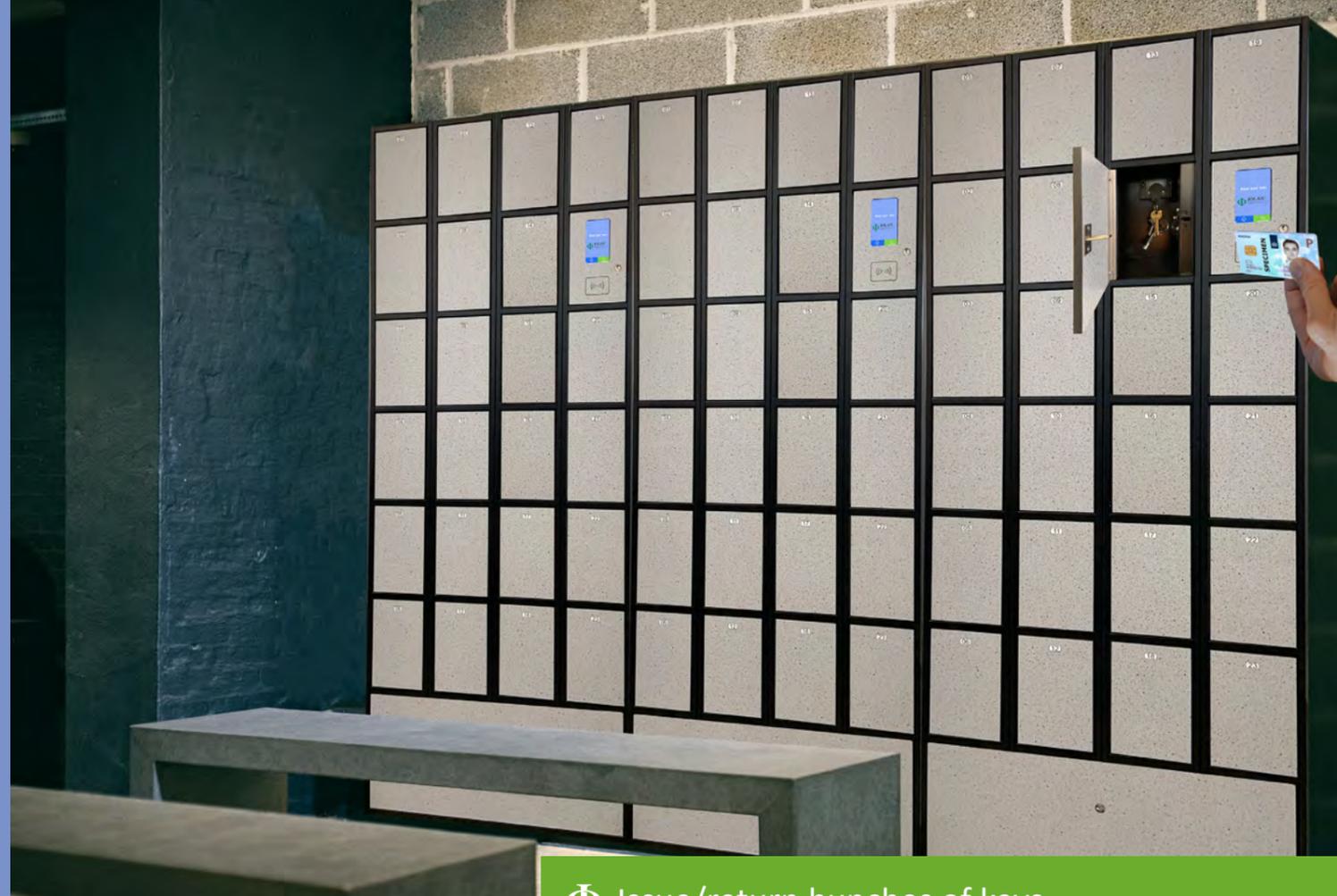
The IOLAN KeyLock ensures worry-free, fully automated issue and return of registered assets such as key rings and mobile devices. Often in combination with conditional verified and validated booking in/out, “anti-pass-back”, access to the KeyLock and vice versa is it possible to leave the institution (book out) when the personal assets have been returned safely and stored in KeyLock.

The IOLAN Sphere application ensures optimal management and control of the assets. Sphere also provides real-time monitoring of the assets and control of the associated processes.

KeyLock for optimal and safe management of personal and business assets!



DOCUMENTATION



- ⌘ Issue/return bunches of keys
- ⌘ Issue/return/charge mobile devices
- ⌘ Unique MIFARE DESFire detection with tags
- ⌘ Individual lockers with key ring detection
- ⌘ Easily expandable modular system
- ⌘ Robust and durable materials

IOLAN KeyLock



STORING EMPLOYEES' PERSONAL ITEMS

Certain buildings/organisations do not allow personal belongings to be taken into the workplace. These items include mobile devices, house keys or medicines. These assets can be stored securely with IOLAN KeyLock during working hours. At the same time, the employee can use other company assets such as a key ring, pager or other assets. This ensures individual personal items can be safely secured while company items are provided in a controlled manner.

“With the application of IOLAN KeyLock in combination with booking in/out and anti-pass-back, bunches of keys taken by our staff incorrectly has decreased by 80%.”



MANAGE, STORE AND CHARGE WITH THE IOLAN LOCKER

Many organisations are supported in their processes by the use of tools such as smart devices, walkie-talkies, special equipment, weapons and tools, etc. In view of their importance and deployability, the management, issue/return and monitoring of these assets is crucial. Employees will be counting on their device to be charged and working. At the same time, the administrator can monitor the authorised usage and status of the devices.

It is possible to charge any device via a universal 230 VAC connection point in each individual IOLAN Locker. Numerous solutions are conceivable with the optional detection options. Authorised employees gain access to a chosen or assigned locker by means of a pass and/or a PIN code in order to be allocated the most charged device (ensuring rotation).

IOLAN Locker, a flexible solution: your devices under control!



DOCUMENTATION

- ⊕ Extremely safe key storage
- ⊕ S1 certified robust high secure safe
- ⊕ Individual position switching
- ⊕ Unique MIFARE DESFire detection
- ⊕ Easily expandable modular system
- ⊕ Smart key ring locking and unlocking
- ⊕ Intelligent LED status per key position

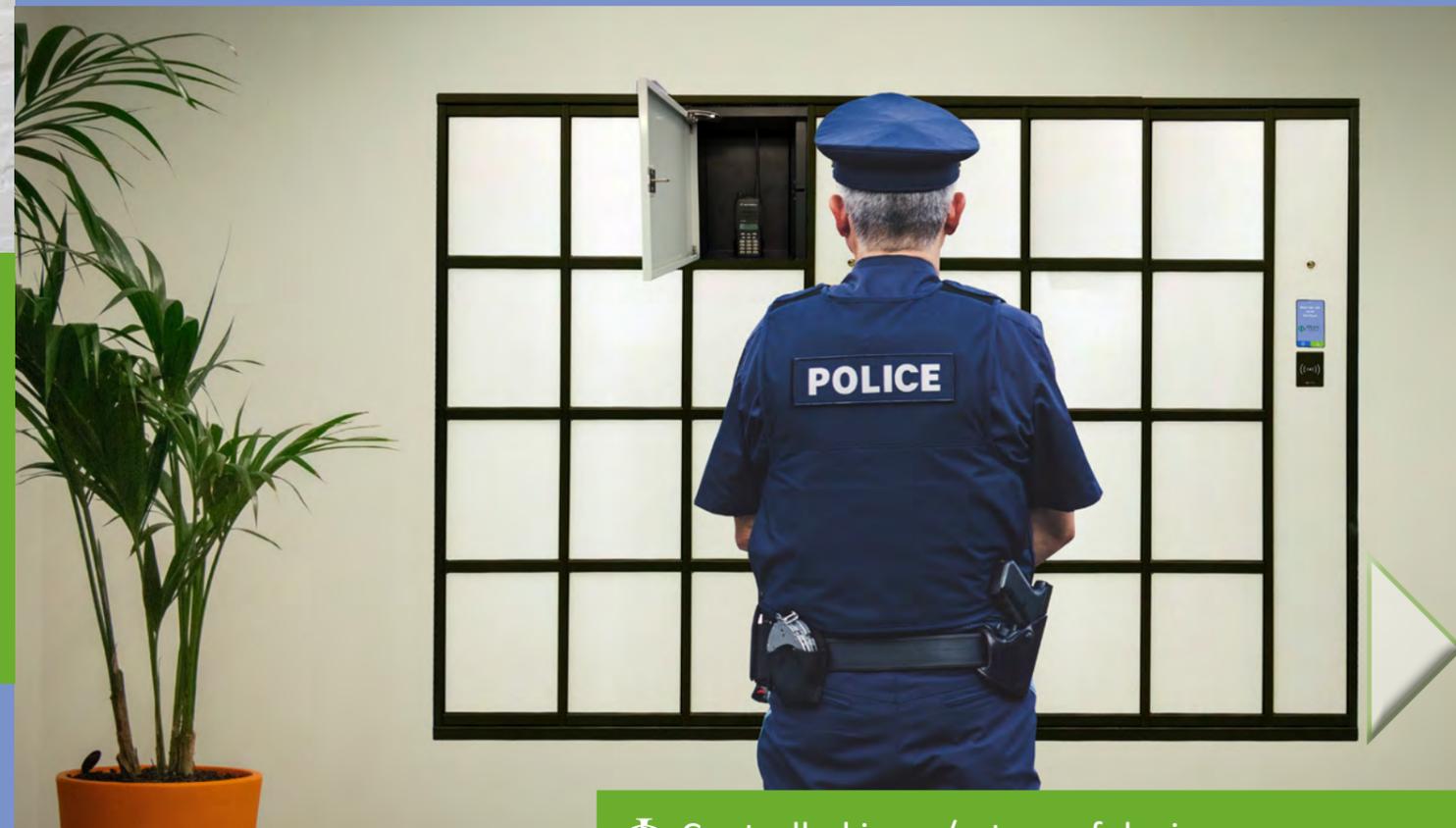
IOLAN KeySafe

MAXIMUM SECURE STORAGE WITH KEYSAFE

Key management in high-end security environments brings with it the necessary challenges. Unmonitored, easily accessed or risk locations require a higher security class. The robust IOLAN KeySafe (>250 kg), with an S1 certificate, can be used for these applications.

Whether it's the importance of the keys or the location from which they must be issued or returned; KeySafe offers optimum security for this in a burglar-resistant safe. All the functionalities of KeyWall are also integrated into KeySafe, such as use of a vandal-proof terminal for operation, servicing, management and emergency power supply.

IOLAN KeySafe, the most secure way to store keys!



- ⊕ Controlled issue/return of devices
- ⊕ Charging and detection of assets
- ⊕ 230 VAC connection in every locker

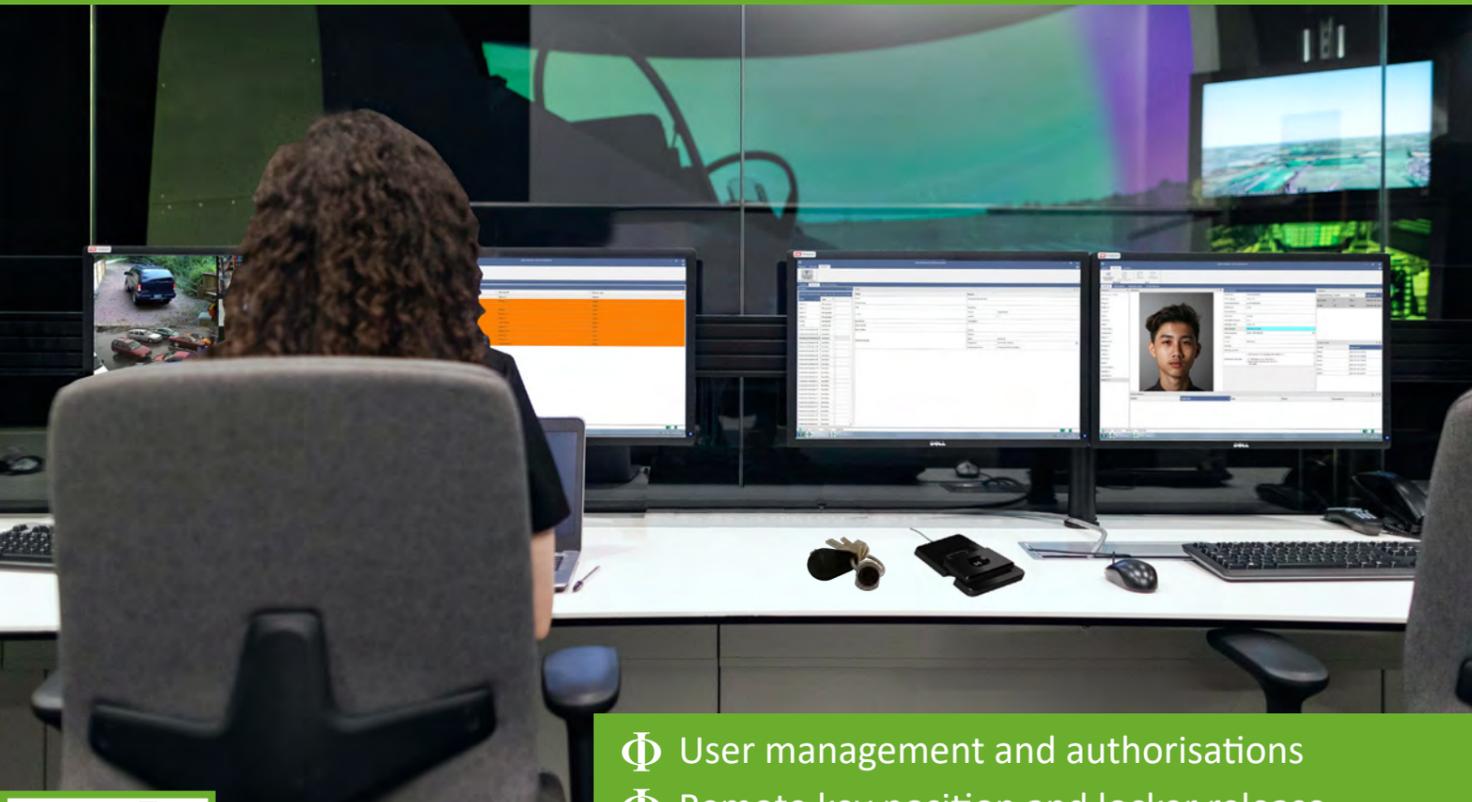
IOLAN Locker



DOCUMENTATION

"We use the IOLAN Locker, and this means our walkie-talkies are always charged and can be used with high reliability."

"With IOLAN Sphere, I have a clear overview of what is currently going on within our institution in terms of security"



- Φ User management and authorisations
- Φ Remote key position and locker release
- Φ Real-time blocking of users/assets
- Φ Extensive configurations and reports
- Φ Process monitoring, alarming and intervention
- Φ Modern flexible user interface (GUI)
- Φ Data export and links with third parties



IOLAN Sphere

IOLAN SPHERE MANAGEMENT SOFTWARE

An extensive application with a clear user interface for the asset management module, which makes it possible to achieve the most diverse configurations, processes and system settings. Real-time control and monitoring of the processes and the possibility of remote intervention from the management station/control room; blocking or releasing authorisations (pass use).

As well as direct control of lockers or bunches of keys, forwarding of alarms, switching on of graphic screens, camera images and communication connections, booking in and out optional with visitation and/or (video) validation etc. Sphere also offers the possibility to directly view the data registration and to generate a wide variety of standard reports.

For optimal use of all software possibilities, IOLAN offers administrator and user training, integrated help function and a help desk to provide the necessary support.

IOLAN Sphere, the application for managing your asset management system!

ENDLESS OPTIONS WITH IOLAN SYSTEM INTEGRATION

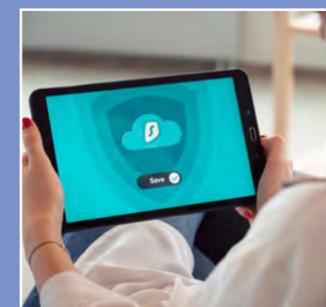
To optimise management, and real-time control in particular, and to achieve an exceptionally high security level, IOLAN offers the possibility to integrate all kinds of security systems into one fully-fledged Security Management System (SMS). This includes integration of the camera surveillance system (CCTV), access control system, burglar alarm system, PLC door controls, intercom system, mobile communication, pagers, personal security, perimeter security, fire alarm system.

Links with other office applications are also possible to ensure there is an unambiguous source file with HRM personal data, the planning system and the possibility to export data to applications from third parties. In short, IOLAN system integration makes tailor-made solutions the standard.

IOLAN also has its own line of access control, intercom, intrusion and I/O PLC controls so integration with these systems is already available as standard. IOLAN asset management comes as standard integrated into the access control system. This allows the use of such functions as time-bound authority, anti-pass-back and booking in/out control. Using an RFID tag all imaginable applications are possible for internal identification.

The IOLAN high-security intercom can provide the necessary communication concerning the asset management systems. An intercom, integrated or next to it, can also be used as a direct helpdesk function.

System integration



"IOLAN's strength: flexible through complete in-house product development, planning and service"

"In our academic hospital, the First-Aid smartphones are charged and issued using IOLAN"



PROJECT-SPECIFIC SOLUTIONS

In addition to the standard solutions KeyWall, KeyLock, KeySafe and Locker, turn-key project specials are also available. This includes applications with personalised issue of devices, biometrics implementation, specific charging compartments for smart devices, or connections to third-party systems.

With 30 years of experience and many projects, we have many suitable solutions available as standard. Nevertheless, IOLAN likes to be challenged to develop new applications and technologies. With an own R&D department, IOLAN can quickly determine whether special requirements are both technically and financially feasible.

Once a system is in use, IOLAN guarantees that it will always remain compatible with new products in the future and, where possible, that the latest developments in functionality will also be immediately available. In short, IOLAN moves with customer wishes and offers an open future.

IOLAN Work areas

LAW ENFORCEMENT

Company resources can be exchanged for the Police, Safety, Health and Welfare Services, supervisors and security officers. This includes: walkie-talkies, weapons, vehicle keys and mobile devices. IOLAN asset management offers matching products for this, which can be placed in the canteen, staff room, armoury and gatekeeper's lodge.



CENTRAL GOVERNMENT

Consider judicial institutions, detention locations, police stations, courts, government services office buildings; all of them have employees on site at all times who are in possession of building-related bunches of keys and/or devices. IOLAN takes care of authorised and registered issue and return.



INDUSTRY

From the packaging industry to the heavy petrochemical industry, shared keys and tools are always in circulation, but the storage of personal assets is also required. Incorrect or unauthorised use can have major consequences, especially for companies operating 24/7. IOLAN helps keep a grip on these assets.



HEALTHCARE

In addition to managing mobile devices such as a pager, smartphone/tablet, etc., hospitals, mental health care centres, other care centres and clinics also need to manage drugs, opiates and speciality medical devices. IOLAN provides a better overview and monitoring of the availability and use of all these assets.



UTILITY

IOLAN asset management solutions can also be useful in office environments for safely storing and issuing keys and other assets such as laptops or tablets. These units can be placed in an entrance area, canteen or walk-through location for example. The devices can also be charged and detected if desired.



Turn-key projects



MORE INFORMATION?

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