Intelligent Management Solutions for Keys and Equipment
Once securely attached to an existing key, the iFob™ electronically tags the key giving it a unique identity. The iFob and attached key is managed using Traka intelligent cabinets, controlling and auditing access and use.

When used independently, the iFob becomes an intelligent electronic key that records where and when used. This patented solution allows the development of a totally unique system for access control and equipment management.
Traka’s unique iFob can be programmed to act as an electronic key in its own right, replacing conventional keys.

- Authorised users simply insert a programmed iFob into a specially fitted receptor socket on the vehicle or machinery
- Plant, equipment and machinery can be managed, protected and reported upon more effectively
- Benefits include improvement in efficiency, increased productivity and reduced costs
- A full audit trail and automatically enforced protocols ensures Health and Safety compliance.

Traka’s intelligent RFID locker systems provide an effective solution for the access control and traceability of valuable assets and equipment.

- Total control is maintained by determining who has access and when assets are taken and returned
- Equipment is ‘tagged’ and can be monitored/audited 24/7
- Biometric (fingerprint) access improves security and removes the need to carry keys or access cards.

INTELLIGENT KEY MANAGEMENT

Turns conventional keys into clever keys and controls access to critical assets, whilst recording key usage and compiling comprehensive management information, enabling organisations to:

- Ensure only authorised users have access to specific keys
- Check when a key is taken and returned, and by whom
- Identify keys that have not been returned once an allocated period of time has elapsed
- Determine how often particular keys are used, and for exactly how long
- Notify a line manager or supervisor by email or SMS text.

INTELLIGENT ACCESS CONTROL

INTELLIGENT LOCKER SYSTEMS
INTELLIGENT KEY MANAGEMENT

Keys are an important asset in every organisation; giving access to buildings, facilities, secure areas, equipment, machinery, lockers, cabinets and vehicles. To safeguard such assets, Traka has developed products and software for the intelligent management of keys. At the heart of the system is the Traka iFob.

These silver bullet-shaped devices carry a unique electronic ID. Once permanently attached to an iFob with a robust security seal, individual keys or keysets are electronically tagged. Each iFob is assigned a specific port within a Traka key cabinet and locked in place until released by an authorised user.

Traka products ensure that only authorised users are permitted access to the key cabinet, and then only to designated keys. Users can be assigned temporary or permanent access to the cabinet and the keys by the way of pin codes, biometric scanner or card reader.

The system automatically controls and records when a key is used and by whom on a central database and this information is available via the cabinet’s display or on the administrator’s computer.

Standalone solutions
Traka Touch is a simplified key management system which offers a standalone solution. There is no need for a connection to an IT network to manage the database and everything needed is embedded within the unit. Full audit capability of all key transactions is retained within the system using internal solid state memory and memory card.
The power behind the Traka solution is the powerful multilingual Traka32 software. Running on a single PC or networked server environment, it provides extensive real-time data capture of the events to an SQL server database and using the Traka Integration Engine software can interface to most third party access control databases.

A modular system for organisations of all sizes
A Traka system can be a single key or a whole network of key cabinets even spanning continents. The modular system can be expanded as needs and budgets allow and functionality increased with the many options available.

Integrated with existing access control
Traka systems operate with almost every existing access card reader allowing key management to become an extension of existing access control systems that are used by customers.

Management information
Traka cabinets can be configured in various ways, for example: to alarm when keys are overdue, when taken, when not taken, to control access at differing times or days, to request asset defect information, to request multiple user authorisation and to provide extensive, effective asset management information.

Multi-language instructions
Because Traka systems are used worldwide, its key cabinets can be configured to display user instructions in a wide range of languages.
Pre-operational safety checks, acceptance and fault reporting

**INTELLIGENT ACCESS CONTROL**

There are a range of additional benefits of Traka’s intelligent access control solutions, including:

- Collision detection
- Alcohol testing
- Enforcing safety and compliance for the industry
- License validation
- Vertical specific workflow solutions, such as dock door anti drive-off.

Traka’s unique iFob can be programmed to act as an electronic key in its own right, replacing conventional keys. Operator specific iFobs can be personalised, enabling individual drivers or users of nearly any key activated equipment to access all of the equipment that they are qualified to operate.

On accessing a Traka cabinet, all the user’s ‘permissions’ are written to an iFob – usually for a finite period (such as a specific shift). Once this period has expired, the iFob can no longer be used until reprogrammed via a Traka cabinet. As an operator goes about his or her work, the iFob records all the details of the equipment’s use. This information is automatically downloaded to the system’s central database when the iFob is returned to the Traka cabinet at the end of the shift.

Controlling who can operate plant, equipment and machinery is only part of the Traka solution. Knowing that staff have completed all pre-operational safety checks and ‘accepted’ the item – and that a record of the event is automatically stored in the database, along with an audit of all items used – is powerful management information.

In addition, users are also prompted to report any faults upon return of the equipment. This significantly improves operational efficiency and utilisation of both people and equipment.
INTELLIGENT LOCKER SYSTEMS

In environments where shared portable devices such as laptops, radios or weapons are not always treated with respect, and are prone to being stolen, lost, damaged or mislaid – the ability to identify who last used a specific piece of equipment, and when, can be an essential management tool. This encourages personal accountability, increases user productivity, and can reduce damage, losses and operational costs significantly.

Traka’s intelligent lockers are ideal for controlling access to portable equipment such as data terminals, laptops, attack alarms, security radios or AMTs. The user simply accesses the locker via a keypad, swipe card, proximity token or biometric scanner, and the system releases the pieces of equipment they can access. Lockers can also be equipped with charging stations so that rechargeable devices are always fully operational when removed, operating on a ‘last in, last out’ cycle for maximum efficiency.

Traka’s intelligent lockers support:

• Secure, automated storage with integrated software
• 24/7 access to authorised users only
• Real-time control and monitoring
• Management reports direct to any networked PC.

“...I can account for all our handsets, in seconds – know where they are and who’s taken one – at the click of a mouse.

THAMES VALLEY POLICE

UNIQUE RFID MONITORING SOLUTION

Every device can be RFID tagged, so that each one is uniquely identified and individually accounted for. Using the Traka software, you immediately know if an item is in its locker – and with real-time monitoring, you can instantly identify precisely when a device is taken or returned, and more importantly, by whom.
Traka’s solutions are predominately used in the following sectors:

**Retail and distribution**
Traka’s solutions are used in retail and distribution and logistics organisations worldwide to control who can get access to, and drive, fork truck vehicles such as High Reach, Counter Balance, LLOPS and cherry pickers. Traka provides solutions such as controlled driver access to fork lift trucks, restricted user access to industrial equipment, managed access to and accountability for AMTs, battery charging and dock-door management systems to prevent accidental vehicle drive-offs.

**Other public sector**
Traka is used by numerous public sector organisations including hospitals, libraries, museums, schools, local councils, central government, the European parliament and even royal households. Traka is used for controlling and auditing key management, access to key areas such as plant room servicing, air condition, water supplies, enforcing multi-level authorisation and managing temporary storage for personal property when visiting government buildings.

**Education**
Schools, colleges and universities are all major customers of Traka. There is a requirement to manage keys for buildings, facilities and secure areas, vehicles, equipment (such as laptops, data terminals & mobile computing equipment) and security radios. This requirement is met by Traka’s innovative key cabinets and secure lockers.

**Police**
The UK police force is one of Traka’s biggest customers; it has over 400 Traka systems in use. These systems manage access to keys and assets for a range of applications including fleet vehicle control and access management for breathalysers, PAVA spray and firearms, and secure or restricted areas. This improves efficiency, reduces damage, saves on administration time and significantly lowers operating costs.

**Prison**
Traka products are used in many prisons. Traka is used to manage access to keys and assets e.g. managing and auditing access of officers to cells, access to key areas such as stores and restricted area, fleet vehicle control, management and control of retained property and evidence, managing access to and ensuring compliance for security radios and other Airwave terminals.
Healthcare
Many healthcare organisations use Traka to control access to a wide range of keys and equipment. This includes everything from accessing premises and plant facilities, to drug cabinets and pieces of high value medical equipment. All of which ensures that vital facilities or equipment can be located and accessed when required – which saves money and improves patient care.

Utilities
Traka’s intelligent access management solutions are used widely by many power stations and petrochemical plants, and by numerous telecoms and water companies. Safety is paramount in this sector, so Traka provides utility companies with a system that enables safety processes to be rigorously put into practice, resulting in greater user accountability, lower operating costs and improved efficiency.

Transport and logistics
Traka’s systems are used extensively by commercial vehicle, logistics and haulage operators, and by everything from airport authorities, rail operators to docks, shipping and distribution companies. Traka systems improve security and Health & Safety compliance, whilst also reducing loss and damage, all of which results in greater accountability, lower operating costs and improved efficiency.

Entertainment and Leisure
With the extensive use of Traka systems by the largest entertainment company in the USA, it can be recognised that the industry is a significant user, especially for security and efficiency applications. The casino industry is also a big market for Traka where cash management is a security issue. Traka’s intelligent access management solutions can be used to manage anything from keys for slots, gaming tables and count rooms to drop boxes and storage.

“...an invaluable tool – the amount of useful information you can get from it, as well as managing the keys, is never ending. You can even see patterns starting to emerge about vehicle performance/reliability and drivers. It saves hunting through a mass of paperwork and makes the administrative process so much faster and easier.

TONY OLDHAM
- Fleet Manager at Nottingham NHS Trust
Traka Touch has an inbuilt embedded Microsoft Windows processor. It can be used stand alone or networked with Traka Web software. Integral solid state memory provides exceptional reliability and the touch screen provides the opportunity for high quality graphical user interfaces as expected by technology users in the 21st century.

Already installed in every Asda supermarket in the UK for managing the general and building services keys, the system is extremely reliable and suitably robust. Alongside the Traka Touch development is Traka Web. Using the latest software tools this web enabled administration software is designed to offer even higher levels of capability than the Traka32 software.

Tested to support the concurrent connection in excess of 1,000 systems it is also perfectly suited to very small systems. With the look and feel of latest generation software, Traka Web is also multi-lingual and when used in conjunction with the Traka Integration Engine offers a powerful, easy to use interface for access control solutions. The design of Traka Web is also suited to the hosting of client databases and presenting opportunities for cloud based data management applications.

Traka Clients Include:

- Wyeth
- vodafone
- JAGUAR
- 3M
- MINWAYS
- ING
- BARCLAYS
- SWIFT
- serco
- AIRBUS
- BBC
- Coca-Cola
- HYATT
- SANOFI-PASTEUR
- Hilton
- BRITISH AIRWAYS
- De Beers
- ASDA
- NHM
- Metropolitan Police
- TESCO
- Lilly
- Philips
- ITV
- G4S
- Boeing

Project planning, installation and support process

1. Research and development
2. New product development
3. Manufacturing
In addition to designing and manufacturing intelligent key management, access management and locker systems, Traka also offers a complete installation and support service.

A dedicated project manager will:

- work with the customer to plan the installation and agree the best locations for the equipment
- discuss the software installation with the customer’s IT department
- provide training for the administrators who will manage the system.

The equipment is installed by a team of highly experienced engineers. A project manager will support the customer for the first few weeks and then hand over to a member of the helpdesk team, who will provide day to day support. Traka systems are provided with a full 12 month warranty which can be extended by taking a comprehensive maintenance plan.

Telephone and on-site support

Traka provides on-going telephone support to help customers resolve any issues with their system. Our dedicated team ensure customers get the very best from their Traka systems. Use of TeamViewer software, enables each team member to actually take control of the Traka application on a customer’s PC and immediately resolve any technical or administrative problem. In the majority of instances our trained staff can completely restore the issue.

Where there is a requirement to attend site, Traka has a team of mobile engineers who can be on the road in minutes, as the company recognises that it is the speed and efficiency of its response that ensures customer satisfaction.
ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

Call us toll-free: 1-800-268-3331

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