THE QUEEN'S AWARDS FOR ENTERPRISE: INTERNATIONAL TRADE 2008

traka
intelligent access management

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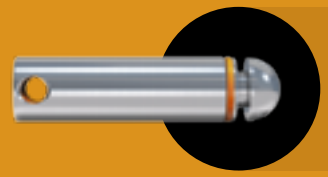
Looking to protect your investment in facilities, equipment, vehicles and people.

And improve productivity too?



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Who said ‘there’s no silver bullet’?

If you’ve been searching for a way to protect your organisation’s assets and resources, but have struggled to find the compatibility, flexibility and reliability you need, Traka’s intelligent access management systems could prove to be that elusive silver bullet.

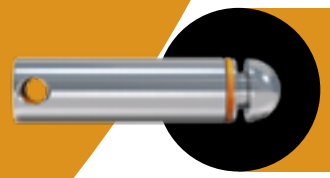
Enabling you to control, monitor and record the use of almost any physical asset, including: premises, facilities, equipment and vehicles, Traka intelligent access solutions can significantly reduce the cost to your organisation of losses through accidental damage, theft, personal injury and downtime. They can even assist in encouraging employees to take greater personal responsibility for the resources they use.

This ability to manage and protect assets more effectively can significantly reduce operating costs, improve efficiency and increase productivity, enabling many customers to enjoy a return on their investment in a matter of months.

Founded by Managing Director, John Kent, in 1990, Traka has become a world leader in intelligent access management.

In 2004, we were awarded The Queen’s Award for Enterprise, for our innovative technology. Today, 50% of our annual turnover comes from ‘International Trade’ – an achievement recognised, with the presentation in 2008, of our second Queen’s Award. That should tell you quite a lot about our people, our products, and our systems.

If you’d like to know more about Traka’s silver bullet, and how it can help your organisation protect its assets more effectively, call +44 (0)1234 712345, or visit traka.com



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Intelligent key management

Giving access to buildings, facilities, equipment, lockers, cabinets and vehicles, keys are one of your organisation's most important assets.

Unfortunately, when a conventional key is stolen, mislaid, or inadvertently taken home, security is compromised. Your organisation is suddenly vulnerable and the consequences can be serious.

Even if nothing is stolen, and no damage done, the cost and inconvenience of fitting new locks, and the impact on productivity can be significant.

In an attempt to manage key usage, many organisations still rely on a book in which cursory details of keys taken and returned are entered by hand and confirmed with an often illegible signature – an arrangement that is inefficient, unreliable, and makes tracing keys an almost impossible task.

There is a much better way...

Turn your conventional keys into clever keys

Overcoming most of the difficulties associated with key management, Traka intelligent key management provides the perfect solution.

At its heart is the Traka iFob™. These bullet-shaped devices contain a chip which provides a unique electronic ID. Once attached to an iFob, individual keys or keysets are effectively, electronically tagged.

Individual keys or keysets are permanently attached to an iFob with a robust security seal. Each iFob is then allocated a specific port within a Traka key cabinet – and locked in place until released by an authorised user.

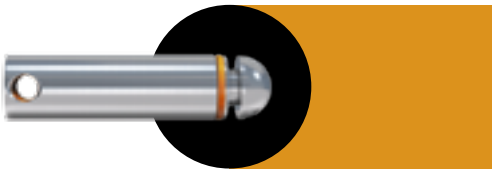
Restricting access to authorised users

Once the appropriate user profiles and key details have been entered into the system, Traka ensures that only authorised employees are allowed access to the key cabinet – and then only to designated keys. The system automatically records when a key is used and by whom on a central database. And this information is available via the cabinet's data display or a central PC.

Using the system

Employees request access to a key cabinet using a PIN code, swipe card or fingerprint recognition. If a request is valid, the cabinet door will open and the appropriate key will be released.

To return the key, the holder must again obtain admission to the cabinet, and then replace the iFob in its designated port. If this is not done, the system will prompt the user to insert the iFob in its correct position.



"It's quite amazing how quickly keys get returned when users know they are both accountable and traceable."

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A modular system for organisations of all sizes

Traka key cabinets are available in three sizes, designed to accommodate between 10 and 360 keys. For bigger sites with large numbers of keys, multiple cabinet modules can be networked, and managed centrally or remotely.

In-depth management information

Allowing long-term records to be held and continuously updated, the system's Traka32 software will ensure you're able to monitor and record key usage, and compile a comprehensive range of management information, enabling you, for example:

- to check when a key is taken and returned, and by whom
- to identify keys that have not been returned once an allocated period of time has elapsed
- to determine how often particular keys are used, and for exactly how long.
- to analyse usage and identify faulty equipment.

Controlling access times

Providing enhanced control and security, the times at which keys are available to specific personnel can be defined using Traka's management software.

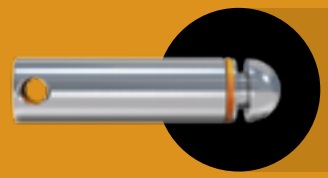
Entry to particular rooms – and the use of certain facilities – by cleaners or service staff, for example, can be restricted to certain times of the day, to fit with shift patterns. Alternatively, a 'key curfew' can be applied, setting the time by which a key must be returned to its cabinet.

Keys can be booked in advance ensuring, for example, that a particular room is available for an important meeting.

Random Return

For operational reasons, it is sometimes necessary to return a key to a different location from where it was originally taken. Achieved using our Random Return option this can be configured across an entire region providing the appropriate cabinets are networked together.

Combined with our advanced key booking control, it enables a pre-booked vehicle, for example, to be reserved and made available in one location, and then returned to another location. This is particularly useful for automotive service departments and fleet operators.



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Recording user information

An asset's last user can be a useful source of information. When an iFob is returned to its key cabinet, the user can record mileage details and report any faults or repairs that may be needed. Where a serious fault is reported, on a vehicle or a piece of equipment, the relevant keys can be 'locked-out' immediately, so they are unavailable to anyone other than a service engineer.

Reported information is stored on the system's central data base, where it can be accessed locally by authorised operators and used to compile a long term performance or fault record. With Traka there's no argument about who has damaged a vehicle, received a speeding fine, or misplaced a piece of equipment – all the information you need is on file.

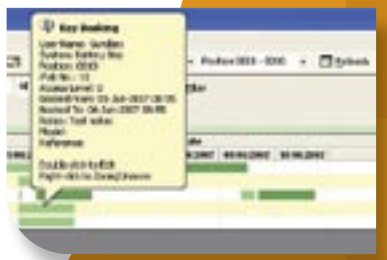
Multi-language instructions

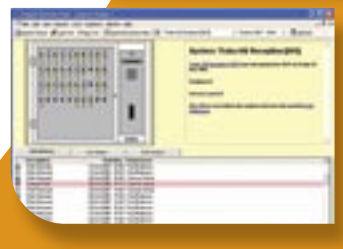
Because Traka systems are used worldwide, our key cabinets can be configured to display user instructions in a wide range of languages. So whether your employees speak English, Dutch, French, German, Spanish, Italian, Polish or Japanese – and they're just some of the languages we currently offer – they'll have no difficulty in understanding how to use our systems.

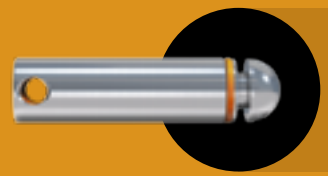
Traka32 software

The power behind all Traka solutions lies in their Traka32 Software. Running on either a single PC or in a networked server environment, it offers multi-language use, provides extensive real time data capture, interfaces with most 3rd party access control applications, and uses an SQL database to provide extensive access level controls and key transaction history. Using Crystal Reports a comprehensive range of Management Information reports can be generated quickly and easily.

Where managed keys and assets are subject to security classification, Traka work with SSG to provide additional protection to meet SEAP ratings.







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Intelligent access and process control

Traka's intelligent key management system is ideally suited to Access and Process Control applications, and can form the basis of sophisticated, yet surprisingly affordable, solutions.

How does it work?

Typically, an authorised user's access permissions – valid for a specific period of time – are automatically written to an iFob as it is withdrawn from its key cabinet. The iFob now becomes the key itself (a patented application). To gain access to a facility, the iFob is inserted into a receptor adjacent to the protected door. Permissions held on the iFob are checked electronically, and if valid, the lock is released.

The iFob records the access event in detail, including, who was given entry to a specific location, and the date and times at which they entered and left. When the iFob is returned to the Traka cabinet, this information is downloaded to a central data archive.

Using Traka to manage risk – in everyday situations...

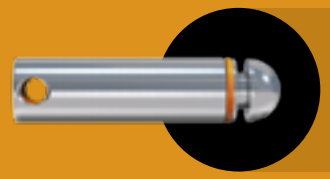
Traka can be used to manage entry to property and rooms where potentially dangerous plant, sensitive equipment, high value items – or controlled stock, such as pharmaceutical drugs – are located; and to cabinets housing, for example, IT servers and data network racks. For these applications, dual-user authorisation, requiring a senior manager to enter their access code (in addition to the user's), before the key is released, can provide an additional level of security.

In highly secure areas...

Where it is imperative that keys never leave a building – in secure hospitals and prisons, for example, Traka intelligent key management can be linked to an existing access control system to prevent employees leaving a facility until a specific key has been replaced in its cabinet.

And remote locations

Offering a high level of security in remote locations, a single key access solution can be used to enable visiting staff to gain entry to unmanned facilities and provide an accurate record of site visits.



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Traka intelligent access control systems can be adapted to meet the specialised needs of a wide range of industries.

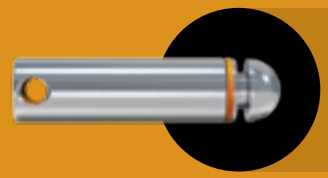
Adapting Traka access control systems for the petrochemical industry

Before maintenance or repair work to oil pipelines can be undertaken, it is essential for safety reasons, to ensure that they are securely 'locked-off'.

To give effective control over this process, key pairing is enforced to ensure one lock or valve is closed before another can be opened. Multiple key cabinets located remotely can be managed by a single operator, monitoring pipeline status and controlling access from a central point.

Again, to maximise safety and security, dual-user authorisation procedures can be incorporated to ensure appropriate authority is given before access to, or the closure of, facilities is granted.

The same principles could, of course, be applied to any number of engineering applications where potentially dangerous equipment or processes need to be controlled or securely shut down, before access can be safely given.



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Traka intelligent keys

Offering the same control, monitoring and reporting features, Traka iFobs can be re-configured as intelligent keys and used in two very different ways.

Asset-specific iFobs

Replacing conventional keys, the iFob fits into a receptor which is built into a specific asset – such as a fork truck, or tool cabinet – to restrict access to authorised users only.

Operator-specific iFobs

Offering opportunities for enhanced efficiency and productivity in materials handling equipment applications, iFobs can be personalised, enabling individual drivers to use a single iFob to access all the equipment they are qualified to operate. On accessing a Traka key 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 key cabinet.

As an operator goes about his work, his iFob records all the equipment he has used and when it was used, and automatically downloads this information to the system's central database, when it is returned to the Traka cabinet at the end of the shift.

Traka iFobs and materials handling equipment

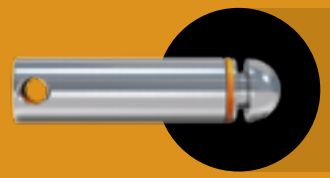
Controlling access to over 8000 fork trucks, in many of the UK's largest distribution centres, Traka iFobs are used to record that a driver accepts the condition of a fork truck before driving it. When the iFob is returned to the Traka cabinet, any faults or damage can be reported, ensuring, if necessary, that the truck is locked safely out of use until repairs are made. With an optional Traka shock sensor fitted, accountability can be further enhanced, as any collisions above a pre-set level can be logged against an individual driver's record.

Traka iFobs in the aerospace industry

Used in the manufacture and servicing of aircraft, tool cabinets can be adapted to use the Traka iFob system, not only to provide secure storage for highly specialised tools, but also to ensure that all tools are returned safely to the cabinet after use, minimising FOD.

Traka iFobs in special environments

Rugged and reliable, the Traka iFob has proved effective in controlling plant and industrial equipment in a wide range of harsh environments, including Cold Stores operating at -30°C.



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Traka intelligent lockers

Ideal for controlling access to portable equipment such as data terminals, laptops, attack alarms and airwave radios, Traka intelligent lockers encourage personal accountability, increase productivity, and can reduce operational costs significantly.

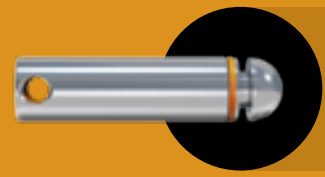
In environments where shared portable devices are not always treated with respect – and are prone to being stolen, lost, damaged or mislaid – the ability to identify who last used a specific piece of equipment, and when, can be an essential management tool.

Modular – and available in a range of sizes – Traka's electronically locked cabinets provide secure, intelligent storage for a wide range of applications.

Management control – on and off-line

In common with our key management systems, Traka32 software is used to control locker access via PIN, magnetic card or biometric readers. Enabling valuable management information to be compiled, the system automatically records when a locker is opened and by whom – and with an optional RFID sensor, when contents are actually removed and returned.

If the asset is already damaged when it is first taken from its locker, or develops a fault while in use, details can be recorded via a data-entry pad (using a simple code for common faults), alerting the management team and prompting the appropriate response.



Customer support

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Meeting your needs as closely as possible

All Traka systems are custom-built, to order, enabling us to ensure that individually, they meet our customer's specific operational needs as closely as possible.

Before specifying a solution we take time to understand your exact needs, including the physical and operational environment in which the system will be used, and any management issues that need to be addressed.

The unrivalled experience and expertise of our in-house technical team ensures that where special requirements fall outside our basic configurations, we can usually provide the functionality needed – either by adapting our existing technology, or by enlisting an appropriate partner to assist in providing an enhanced solution.

Dedicated account management and technical support

To ensure continuity and provide the reassurance of having a single contact with detailed knowledge of your installation, each customer is assigned a dedicated Account Manager, responsible for: initial project planning meetings, the configuration of Traka software, the personalisation of administrative data (including, advice on the inputting of user and key data), system training and after-sales support.

Similarly, a dedicated Traka Installation Engineer is appointed to each project, responsible for: installing your system, working with your IT team to establish communications over the network, technical support – and on-going system maintenance, post installation.

Training

No access management solution is complete, unless the people charged with operating it have been fully trained. To ensure our customers get best value from their investment, we provide on-site training for both users and system administrators. In addition, we offer one day follow-up training for new staff, should your original people move on.

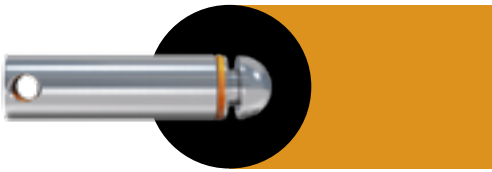
Keeping your system up and running

Traka systems are designed and built to be inherently reliable. To ensure, however, that in the unlikely event of a breakdown, downtime is minimised, and the system is reliably repaired, we offer a range of warranty and maintenance options. For further information, visit: traka.com/warranties

Mindful of the security context in which all Traka systems are used, we operate a dedicated support helpline, and aim to provide a rapid response to any request for emergency technical assistance.

Growing with your operational needs

Modular, and almost infinitely expandable, your Traka system is virtually future-proof – ensuring your investment in it will pay off for years to come. Whether you need to add a new key strip or several new cabinets, as your organisation grows, you can be confident that Traka will continue to provide a high level of security, together with the software compatibility and technical integrity you'll need to manage and protect your most important assets.



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- Protect your property, facilities, vehicles and equipment
- Reduce the cost of carelessness, accidental damage and theft
- Increase efficiency and productivity – improve operating margins, minimise downtime and disruption
- Encourage your people to take greater responsibility for the resources they use
- Maximise security and Health &Safety compliance

Traka intelligent access management solutions are used by a wide range of organisations and industries, including: The British Library, The Royal Botanic Gardens Kew, The National Maritime Museum and The European Parliament, together with Government Agencies, Prisons, Secure Units, Police Forces and Hospitals; Schools and Universities; Docks, Airports and Distribution Centres; Petrochemical and Mining Companies; Power and Mobile Telecoms Companies; Property Management Companies; and even Royal Households.

To see how different organisations have benefited from Traka intelligent access management, check out our client video testimonials, by visiting **traka.com**

Shouldn't we be talking?

For more information – or to discuss your access management requirements and arrange a meeting - call +44 (0)1234 712345, or enquire at sales@traka.com

traka

intelligent access management

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