Manufacturing, Retail and Distribution

Intelligent key and equipment management

traka
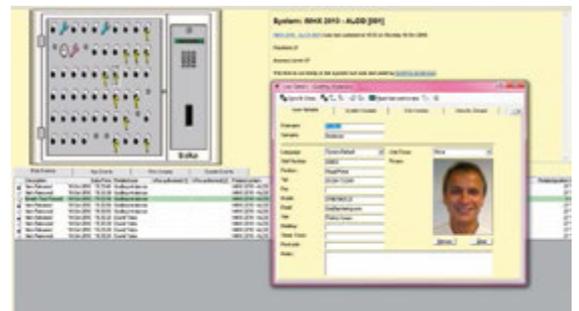ASSA ABLOY

Experience a safer and more open world

A complete management, control and reporting solution for all your valuable vehicles, equipment and facilities.

In an MHE environment, the highest levels of efficiency and health and safety compliance are essential. This is why Traka has developed a specialist solution with this particular industry in mind. By using our intelligent key and asset management systems, organisations can dramatically improve shift start-up times and overall productivity rates – as well as ensuring that the right people are using the right equipment at all times.

Collision detection

Fork trucks are valuable assets, so when collisions occur it's vital that management teams know who is responsible. The optional shock sensor can be installed to any fork truck to sense and record if the truck has been involved in a collision. Drivers are now fully accountable for the equipment in their care and this results in fewer collisions as well as less damage to trucks, infrastructure and stock – and significantly lower damage costs.

Fork truck access control

Traka's unique iFob can be programmed to act as an electronic key. This replaces standard keys or PIN codes and better safeguards who can access and operate lift trucks, by ensuring they only work for staff with the correct access credentials and valid in-date licences.

Powerful software stores credentials and permissions that are written to the iFob when users ID themselves at the key cabinet. Authorised users release a programmed iFob and simply insert this into a receptor socket on the truck.

Licence validation

Our sophisticated software enables drivers' licence details, including photograph, to be stored in the Traka database. Administrators can easily run reports to see who is authorised to drive specific vehicles, and also when their licence expires. The Traka system can also automatically remove a users access to specific equipment when their licence expires ensuring no operator can drive equipment with an out of date licence.

Industrial equipment and plant vehicles

In addition to fork trucks, the programmed iFob can also be used as an electronic key to control access to a wide range of other equipment and vehicles. When used for this purpose, strict control over who can access and operate dangerous machinery is enforced, and a full audit of user activity can be maintained.

Pre-operational safety checks

Acceptance, Fault Reporting and Safety VOR lockout

Controlling who can access and operate a fork truck is only part of the Traka solution. Knowing that staff have completed all pre-operational safety checks and 'accepted' the vehicle – and that a record of the event is automatically stored in the database, along with an audit of all trucks driven – is powerful management information. Should any fault be found at shift start-up, or develop whilst the truck is in use, the driver will be able to lockout the vehicle using the iFob, to prevent others from using it, until a repair has been carried out.

Alcohol testing

With more and more organisations looking for ways to ensure that staff are safe to drive vehicles, or use dangerous machinery, Traka's Key Management system can now be integrated with an optional Home Office approved alcohol tester. Testing can be compulsory for every user, or set to test a random sample. This is a very cost effective method of ensuring that staff are safe to drive or to use equipment, where excessive alcohol levels may cause danger or impair judgement

Machine Start

Control access to dangerous machinery

The unauthorised use of machinery can have serious implications for safety. To ensure appropriate measures are taken to protect operators and achieve maximum health and safety, Traka provides Machine Start functionality.

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So how does it work?

Machine Start isolates the power to dangerous machinery only allowing trained operators to use it. Operators identify themselves to the Traka key cabinet where they are issued an iFob. This has their license and permission levels written to it. The iFob acts as an intelligent key that is inserted into a receptor socket within the Machine Start unit. Providing that user is authorised to operate that piece of machinery it will power up for use.

This solution is ideal for equipment such as hoists, cranes, lathes, drills, presses and conveyors – in fact anything that would be safer with controlled access.

Fork truck and fleet management

Traka intelligent access management enables you to control, monitor and protect your fleet seamlessly. Central to this system is the iFob which records which driver has access to which vehicle and when.

Each iFob has a unique identity. Every time a driver takes a key, their individual ID is logged onto the Traka system for you to access quickly and easily. What's more Traka will only issue the keys to the vehicles that a particular member of staff is authorised to operate.
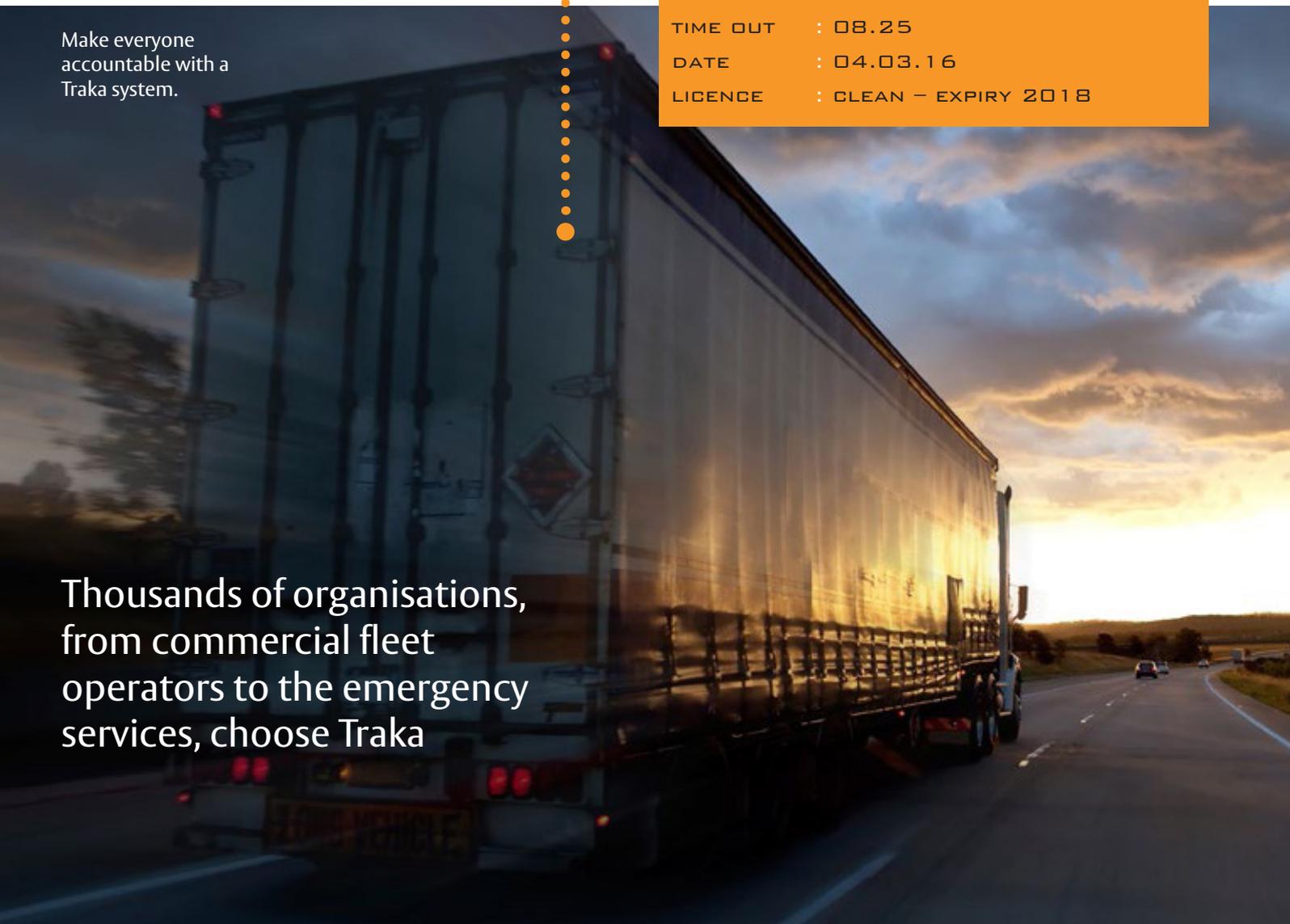
The S-Touch, part of Traka's key management solutions range.

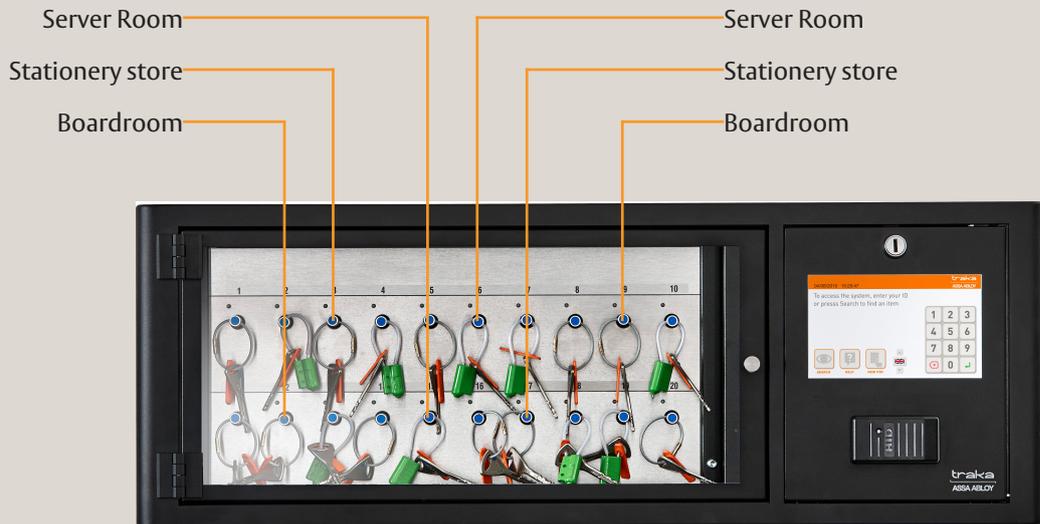49 keys, 50 vehicles, 3 speeding tickets, 1 broken tail light and too many drivers passing the blame.

Make everyone accountable with a Traka system.

VEHICLE	: RENAULT BV54HFZ
MILEAGE	: 136,452
DRIVER	: Bob Stevens
TIME OUT	: 08.25
DATE	: 04.03.16
LICENCE	: CLEAN — EXPIRY 2018

Thousands of organisations, from commercial fleet operators to the emergency services, choose Traka

Intelligent key and asset management

Server Room

Stationery store

Boardroom

Server Room

Stationery store

Boardroom

Keys and equipment management

Control who can access keys and equipment on your site. Traka's intelligent management systems enable you to fully audit all transactions, and restrict who can access your most important assets, and when. Our cabinets are simple to use and offer sophisticated control, allowing keys, key sets or equipment to be allocated to specific people, or made available to authorised groups of users. The system can also be set to block access to users whose licence has expired, therefore preventing any operator from accessing equipment with an out of date licence.

With powerful management functions, you will always be able to assign authorised users quickly and run reports showing who has accessed your valuable assets – for example, COSHH cabinets, LPG stores, plant rooms or critical facility keys.
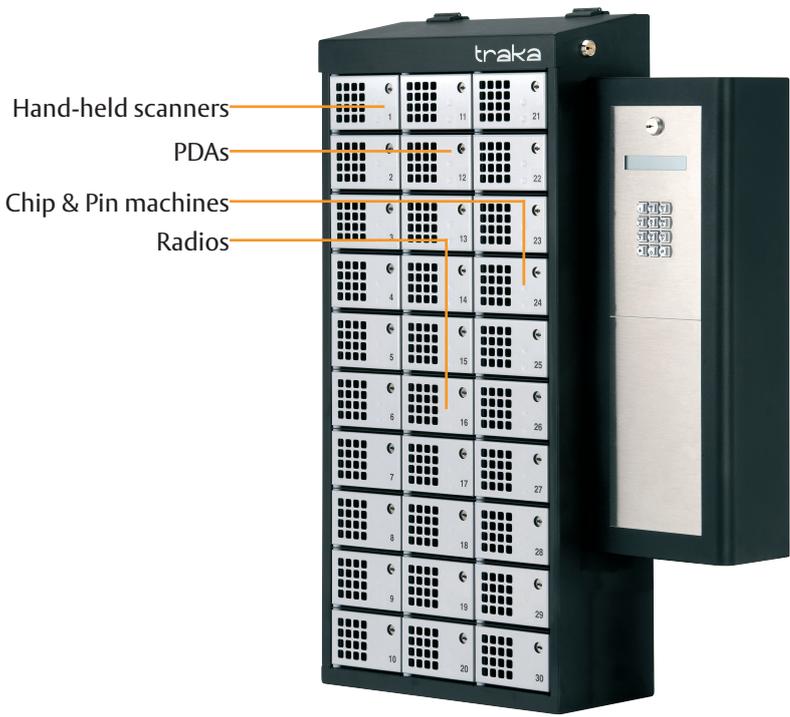
All systems use Traka's advanced software which provides a full audit trail and real time reporting, detailing who has used each asset, and when.

As a result, staff become more accountable and our customers have found that equipment is returned at the end of shifts. This leads to reduced security requirements, with less damage and turnover of hand held scanners and other portable equipment.

The benefits of an intelligent Traka system

- Manage, control and report on the use of keys and shared portable equipment

- Identify when keys and equipment are taken and returned, and by whom

- Restrict access to specific site and facility keys for staff and contractors

- Improve shift start-ups by ensuring important equipment is in place and ready to use

- Completely remove the need for manual key and equipment issue

- Reduce losses and damage by making users fully accountable

- Fully scalable to accommodate any number of keys and devices.

Hand-held scanners

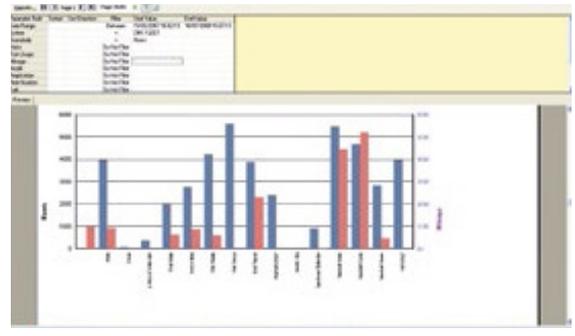PDAs

Chip & Pin machines

Radios

Traka intelligent keyless lockers encourage personal responsibility for equipment used, reduce carelessness, increase productivity and can reduce damage and operational costs significantly.

AMT Management

Being able to locate arm mounted terminals and scanners quickly, store them properly and ensure they are in full working order enables shifts to start quickly and run more efficiently. Traka has developed a dedicated 'on-truck' AMT storage and charging system, which enables AMTs to be housed in truck-mounted boxes that can only be accessed by the truck operator using their iFob, acting as an electronic key. The box also includes a spare battery which is continuously recharged within the unit.

Traka Software

The power behind Traka solutions lies in the advanced software. Running on either a single PC, a network or even standalone, it offers multi-language use, provides extensive real time data capture, interfaces with most 3rd party access control applications and uses a SQL database to provide extensive access level controls and transaction history. A comprehensive range of management 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.

Traka systems are in use worldwide. Traka's software can be configured for use in a wide range of languages including French, Spanish, Polish and Japanese.

Anti Drive-off prevention solutions

Traka's loading bay and dock door safety solutions are easily installed drive off prevention systems designed to stop vehicles prematurely leaving the Goods Out bays of a busy distribution centre – historically the source of many serious incidents within the industry each year.

Loading bay management

A bespoke solution for enhancing safety and streamlining processes at distribution centres ensuring you maintain complete control over the loading bay and prevent accidents.

This solution centres around the driver's vehicle keys and requires them to be handed over at the transport office. They are then tagged with an intelligent iFob and stored in a Traka key cabinet that starts an automated sequence of safety checks and audits that will:

- control who can operate and open a loading bay
- restrict vehicle movement until the area is safe
- collect door usage information including who was operating it

The cabinet will only release the r's keys once the loading is complete and the dock door fully closed.

DockSafe – Dock door control

DockSafe is a unique, easily installed and affordable solution that requires drivers to position their vehicle at the loading bay and isolate the vehicle themselves before the relevant dock door can be operated. This intelligent dock door control solution uses the Traka iLock and Castell Salvo Susie device to prevent a delivery truck being driven away before the dock door is closed and safe.

The Traka iFob allows authorised drivers to access the Salvo Susie lock which is used to 'lock off' the airbrake line preventing re-coupling. A control key is then released which activates the control panel allowing the dock door to be raised. The key is locked in place whilst the loading bay door is open and is only released when the door is closed. This control key can then be used to remove the Susie lock from the airbrake coupling allowing the driver to mobilise the vehicle again.

A full audit trail is recorded within the Traka iFob.

Benefits Include

- Eliminate drive-offs by ensuring that drivers cannot pull trailers away from a dock before the loading bay door has been closed and made safe
- A fully audited system – drivers details and actions are recorded and traceable
- Increased safety compliance and safer use of shunter vehicles
- Improved warehouse security
- Minimise human error
- A fully integrated system offering both Goods In and Goods Out dock door control
- Reports can be generated and information stored indefinitely

Traka's drive-off prevention solutions can form part of an integrated system to manage onsite MHE giving you safety, compliance and control

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