Traka Web
Advanced key and asset management software

Item | PDA023
USER ID | D.Smith
Date taken | 04.06.16
Time taken | 09.33
Fault code | NONE

ASSA ABLOY, the global leader in door opening solutions
The benefits
- Brings users and items side-by-side, making it easy to grant access to items quickly and efficiently
- Full audit capability - retains a complete history of all key, asset, locker and user transactions
- Supports a full range of reports to help attain better asset utilisation
- Instant email notifications can be linked to specific asset movements or when an item isn’t returned by its curfew time
- Allows systems to be expanded to thousands of lockers or cabinets on a centrally managed network
- Innovative integration engine allows Traka user permissions to link with existing access control, human resource or third-party systems
- Remote system lockdown prevents any user from removing an asset when a security alarm or other event occurs
- Custom messages, note and fault logging makes using Traka systems easy and functional
The features

Traka Web comprises a series of features that can be used to improve business processes, making your business run more efficiently saving time and money. Some key features are:

**Item Booking**

This allows users to reserve items for a specific period of time. For example; a company pool car may be booked out for a set day for a specific individual, ensuring that the keys are not able to be accessed or taken by other members of staff.

**Email notifications**

Users can set up email notifications to alert users of specific key/asset movements, events and overdue curfews. For example, if a cleaner’s master key isn’t returned at the end of their shift at handover time, then an email can be sent to the manager to chase it up.

**Fault Logging**

Users can record an issue or fault against items such as vehicles or machinery, through to hand held devices in which management will be notified by email. If it is a major fault then the item will be locked in place so that it is not issued to another individual until it is fixed. Based on the criticality of the fault, access rights can be restricted to prevent further damage, wasted time or injury.

**Remote system lockdown**

When an external alarm is raised, Traka systems can be automatically shut down and ‘system in lockdown mode’ is displayed on the screen. This feature ensures full security is maintained within the premises. For example: if the building was broken into and the alarm was sounded, then the cabinet will be powered down so that the intruder can not access any sensitive keys or assets.

**Custom messages**

The custom message feature allows a predefined text to display either before a key/asset is taken or just after it is returned. For example: remind a staff member to refuel the vehicle after use. This is a great way to remind staff of specific tasks that they may need to carry out.

Traka Web is an advanced administration suite for centrally managing Traka Touch key and locker systems on almost any device that can run a browser, including phones, tablets and PCs. Traka Web can support unlimited keys or assets.

Traka Web is the latest generation of administration software improving functionality and maintaining Traka’s technological leadership. The main benefits of Traka Web include ease of deployment, a modern graphical user interface, allowing for remote administration and being more scalable than ever before.
Traka Web supports the administration of Traka key and locker systems. A three-tier architecture – Data, Application and Presentation layers, work together to enable Traka Web to be efficient and highly scalable.

Fuel, Distance and location logging

These features are commonly used by fleet managers to keep track of their vehicles and usage. Fuel logging allows users to record the fuel level when returning a key for a specific vehicle. Distance logging enables the user to record the odometer or trip reading of the vehicle. Location logging (or bay logging) allows the user to record the location (or bay) that the vehicle is parked in.

Curfew

A curfew can be set on any key or asset to ensure that it is returned by a certain time or else management will be notified via the software or email alert. This is useful function particularly for shift work when one member of staff is finishing and another is starting, you can ensure that the relevant keys/assets are in place ready for the next user.

Dual authorisation

This feature provides an additional level of security, where a dual authorisation process can be implemented. This means that staff can still access the relevant keys/assets but in order for them to be released, a second member of staff or manager must authorise the usage with their credentials. For example, in hospitals, when members of staff need to access medication, a senior member of staff may be required to authorise, before the drugs can be dispensed.

Description release and reason logging

Description release allows users to search for a key by using a brief description so that it is easier to locate the right key. This could be used in dealerships by entering the registration number to locate the correct key. Reason logging allows a user to log a reason for removing a specific key or asset. This can be useful to track job history of what tasks have been completed and when.

Traka Web brings users and items side by side, making it easy to grant access to multiple items quickly and efficiently. Furthermore it supports item definitions making it simple to manage different types of assets. It provides an auto-sync system for all changes and a traffic light system for all communication processes.

Traka Web is designed to utilise Microsoft SQL server. It comes with a suite of reports to help better utilise the assets you want to control; activity reports, status reports, utilisation reports, exception reports, permissions reports.

For the most up to date list of features and applications within Traka web, please contact your sales representative or local Traka partner.
Traka Web – Technical specifications

Traka Hardware Supported:
Traka Web supports administration of the following systems:
- M-Touch Series (10 to 40)
- S-Touch Series (10 to 480)
- L-Touch Series (10 to 720)
- Touch Lockers (Contact Traka to check availability)

System Architecture
Traka Web supports a 3 tier architecture, Data, Application and Presentation layers - enabling Traka Web to be efficient and scalable.

Scalability
- Maximum Systems: 2,000
- Maximum iFobs: 720 per system
- Maximum Users: 25,000 per system
- Item Access Groups: Unlimited
- Regions: Unlimited
- Events: Unlimited
- Cyclic Event Buffer: 250,000 per system

*Total iFobs per system depends on the cabinet model.

Security
Traka Web supports high levels of security:
- Sensitive data between Traka Web and Traka Touch is encrypted to MD5 + AES256.
- The web portal can be secured using SSL

Database
Traka Web works with a Microsoft SQL Server 2008 database or later release (incl. Express Version), configured to mixed mode authentication.

Client browsers
Traka Web is compatible with the following browsers:
- Internet Explorer v8 or above (v9 recommended)
- Mozilla Firefox (latest version recommended)
- Google Chrome (latest version recommended)
- Safari (latest version recommended)

Minimum server specification
- Windows Server 2012 with IIS8+ (3GHz Xeon, 8Gb RAM, 500Gb HD)
- Windows Server 2008 R2 SP1 with IIS7+ (3GHz Xeon, 8Gb RAM, 500Gb HD)
- Windows 10 with IIS10 (3GHz i3, 8Gb RAM, 500Gb HD)
- Windows 8.1 with IIS5 (3GHz i3, 8Gb RAM, 500Gb HD)
- Windows 8 with IIS8+ (3GHz i3, 8Gb RAM, 500Gb HD)
- Windows 7 with IIS7.5+ (3GHz i3, 8Gb RAM, 500Gb HD)

32 or 64 bit support
- Physical or Virtual machine support

Web Login Security
- Simple Authentication – login credentials encrypted in database
- Session time out – if you walk away you will be securely logged out
- Active Directory Authentication
- Optional SSL Authentication

Multi-lingual
Traka Web along with Traka Touch is multi-lingual. Languages are associated to the users login so languages automatically change depending on who logs in. Languages can also be changed anytime with a simple drop-down which makes support much easier.

Dashboard
- Snapshot view of systems
- Simple ‘click a key’ to view summary, events and update access rights
- Quick links to edit or remote release or transfer ownership

Communications
- All changes auto-sync
- Traffic light system for comms progress
- Centrally manage upgrades through web admin utility

Reports
- Traka Web comes with a suite of reports to help you get better utilisation of the assets you want to control:
  - Activity reports
  - Status reports
  - Permissions reports
  - Exception reports
  - Utilisation reports