traka
intelligent access management

Traka – Door Access System

Traka electronic key cabinets are used throughout the world for managing and controlling access and the use of keys. By attaching existing keys to Traka iFobs, the keys are given an electronic identity which when used in conjunction with the Traka cabinet, ensure that only authorised staff can access their own specific keys and that every key taken is electronically audited by the Traka cabinet and the associated Traka32 computer software. Traka is used for a wide variety of security and health and safety applications.

The Traka iFob can also be used in its own right as an access control device with some important unique features. The Traka Door Access System is remarkably flexible in operation and easy and low cost to implement.

What is required?

- A Traka cabinet – sizes from 10 – 100's of keys/iFobs
- Traka iFobs (Coloured yellow)
- A Traka iFob reader on each door
- Magnetic door locks
- Power to the door lock

What the system is designed to do

The Door Access System is designed to ensure that only authorised staff can access specific doors and optionally that every door activation is audited. The Traka system can be also be used to manage conventional keys if required.

How it works

At the start of the day or shift the user will access the Traka cabinet in the usual way using PIN, card or biometrics. If authorised, the door will open and the user may select any applicable iFob. At the instant the user presses the iFob release button, the users access permissions are written to the iFob together with an allowable time period (default is 12 hours). The user then withdraws the iFob. If keys are attached, the iFob and attached keys will only be released if the user is allowed the specific key.

Where keys and locks are in use, the user then uses the keys to open the doors. Where access control has been implemented, the user uses the iFob to access the door. By inserting the iFob into the small socket adjacent to the

door, the electronic door release will be activated but only if the iFob contains the correct permissions to open the specific type of door. If the iFob approves the door release, the magnetic door lock will be released and the door will open. At this time, the door reference number and time are optionally written to the iFob. From then on, every further door activation is also automatically recorded by the iFob.

On completion of the activities, the iFob is then replaced into the Traka cabinet and the list of activations is immediately transferred to the Traka cabinet and the supporting Traka32 software, providing a complete audit of the user /key activity.

After the expiration of the defined time period the iFob will no longer activate any door and must be inserted back into the Traka cabinet to be refreshed with a new time period and user profile. Any previous activities are always downloaded when the iFob is inserted into the Traka cabinet so it is not possible for a user to allow an iFob to expire and to then hope that the activations will disappear.

Benefits of Traka over alternative door access control systems

- The Traka solution is low cost
- There is no networking of the door readers.
  As the users iFob contains the activations there is no need to connect the readers back to a central computer
- The iFob has a limited life – it expires at the end of the life (usually the shift)
- Traka iFobs require no internal battery
- Traka forces staff to leave their access control iFobs on site – there are no access cards to take home, get lost or stolen
- Where the iFobs use attached identical key sets, the user may take any available set, making shift changeovers simple and easy and in many cases reducing the numbers of key sets required
- The Traka cabinet is easily administered from a central computer. This allows the easy creation of the user records and definition of access levels to determine which doors each user may access. It is unnecessary to program each reader with the allowable users
- The Traka cabinets and software are easily networked allowing central administration over the door access
- As the iFob is dynamically created it is as up to date as the data contained in the central computer database. Therefore if users have additional permissions granted or withdrawn the information is instantly updated at the cabinet ensuring users operate authorised doors only

The system supports:

- 2,000 users per cabinet
- Unlimited numbers of doors (subject to cabinet size)
- Up to 16 door access levels
- Up to 64 door activations per user per shift

A requirement is that the Traka32 support software is online to the Traka cabinets

Find out more about Traka solutions ...

To request an on-site demonstration of our systems, please contact us using the details below, or visit our web site to see some of our customer solutions at traka.com/video