

Traka for the Management of Room Access

Traka key cabinets are extremely effective for managing the keys for rooms, buildings, vehicles and equipment.

Using the Traka iFob for room or equipment access in addition to or as a substitute for a conventional key

However, the Traka iFob can also be used as an electronic key either in addition to or in place of a conventional key. When used as a key, it must also be used with the Traka Immobilisor, an electronic unit that reads the contents of the Traka iFob.



Conventional access control systems require that the door mounted reader must be wired back to the central computer, often via a hub.

The Traka Immobilisor does not require this cable and operates in a stand alone mode. Therefore it is ideal for use in more remote locations or on portable equipment or vehicles.

Of course, the Traka system, along with conventional access control systems, also requires a local power supply.

When used in the iFob per Person mode the iFob can record where it was used and when and this activity is recorded in the iFob. When the iFob is returned to the Traka cabinet, this audit is automatically downloaded against the user record. In the iFob per Person mode, the iFob also carries an expiry time of xx providing a limited life. Therefore if lost, it no longer has any value although when returned to the Traka cabinet, it will automatically download any events prior to being recharged with the next activation.



To lock a door also requires the installation of an electronic lock such as a MagLock or electronic strike release and of course provision must be made for this.

The Immobilisor could also be used to deactivate a door contact used to alarm if a door is forced. So if the door is locked using conventional locks and the door is forced, the contacts will break and the alarm will sound. However, if the contacts are wired through the Immobilisor, then if the user inserts the iFob BEFORE opening the door with his key, the Immobilisor will disable the contact for seven seconds (or more) allowing the door to be opened without activating the alarm. Of course the alarm can be wired to various other systems in the building.

Using Traka Control Pods as Access Control modules

If the application requires an online audit of use or an immediate notification of activation, then a Traka Control Pod can be installed adjacent to the door. This will require a wired (or wireless) connection to the computer network.

The Traka Control Pod can directly activate the local electronic door lock and each activation will be recorded in the Pod and subsequently by the Traka32 administration software.

Of course the system can detect and record a variety of alarms which can be Notified to the users using SMS or email.

These pictures show Traka being used to activate the doors in a secure hospital. This example also uses the Traka CANLink to ensure that the keys are returned to the Traka cabinets before the user is allowed to leave the premises.

