



Fork Truck Control – iFob per Truck

Traka key and asset management products are sold around the world into a wide variety of organisations from prisons to casinos, including distribution centres. Traka's fork truck management solution is unique and is now installed on over 8,000 trucks in the UK alone.

This document describes the **iFob per Truck solution** designed for larger fleets where a driver uses the same truck for the whole of their shift.

The iFob and Traka Cabinets

The iFobs (our silver bullets) are stored in Traka cabinets and become the



intelligent key to start each truck, replacing conventional keys or a PIN code. Each iFob is dedicated to a single truck and is colour coded blue.

When the driver needs a truck, he approaches the Traka cabinet and identifies himself with his T&A card (other options, including a biometrics fingerprint reader are available) and the door will open. The system checks the validity of his licence and gives a

countdown from 30 days before the licence is due to expire. LED's illuminate to show those trucks the driver has a valid licence to drive. The driver selects an iFob by pressing the adjacent button. The driver now has individual ownership of the unique electronic key for that vehicle. At any time, another colleague or supervisor can interrogate the Traka cabinet to see which iFobs are in or out and, using the keypad, immediately enquire who has taken a particular iFob. It also takes just moments to create a new iFob for each truck using the special Service iFob, so if an iFob is lost, it is easily replaced. Traka records all the activities of each iFob/user upon return to the cabinet and, reports them automatically to the Traka32 software. This provides a complete audit of every truck used, by whom, and when.

The Pre-Op Acceptance Button

When the driver inserts the iFob into the truck dash the Acceptance button automatically flashes for two minutes. It is waiting for the driver to press it, thereby acknowledging that all pre-op safety checks have been completed. This is the driver's acceptance of the truck condition. Printed reminders should be strategically placed near the cabinet or even in the truck to confirm what checks are required. When the driver presses the button, the action



writes a software token to his iFob which remains with the iFob until returned to the Traka cabinet.

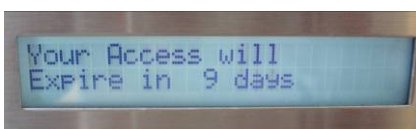
If the driver fails to press the button, the truck will stop at the end of the two minutes (an adjustable interval sufficiently long for the driver to complete his checks). Should this happen, the driver must take out the iFob and re-insert. This will start the timer again.

Reporting vehicle faults

If the driver finds a fault either at this time (or during his shift) he can record the event by holding down the Acceptance button for 10 seconds. This will prevent him, or any other user, from driving the truck until reset by a maintenance engineer or supervisor. Reporting the fault is done by returning the iFob to the Traka cabinet. At the cabinet screen the driver will be asked



to key in a code specifying the nature of the fault. A list of these should be printed and fixed adjacent to the download station.



If the fault is a critical fault, the iFob will be locked in place until the fault has been resolved by an engineer, effectively making the vehicle VOR.

As soon as the driver closes the Traka cabinet door, the fault message is transmitted to the Traka software. Faults are clearly presented to the site engineer showing the truck, the nature of the fault, who reported it, and when. The engineer will carry a Service iFob which will activate any truck, so he can retrieve the truck to the workshop and carry out any necessary repairs.

The engineer should record the repair work done on the truck within the Traka32 software and then clear the truck of its fault using his Service iFob.

The Shock Sensor

The shock sensor (optional component) can detect if a truck has been subject to an excessive G Force. This force is configurable within the Traka32



software on a truck by truck basis. The special Traka software inside the shock sensor contains algorithms designed to ignore shocks from expansion joints, old railway lines etc but to detect metal to metal contact. Whenever a shock is detected, the shock sensor records the shock value to the iFob and can optionally stop the truck immediately or after a determined period of time. A shock can require the supervisor to check the safety of the site before clearing the driver to continue his duties.

Details of the shock are held in the iFob until returned to the download station.

Service iFob gives management override

With all systems, a Service iFob is used to allow supervisors or maintenance staff to drive any truck and also to perform certain management tasks.

Ease of installation with full training and after sales support

The Traka Immobilisor is easily fitted to a truck by one of your own engineers in about one and a half hours.



The Traka cabinet (download station) is installed by a Traka engineer and a full training service, as well as ongoing maintenance is offered. Traka engineers have expertise in installing Traka cabinets and software in organisations of all sizes. All Traka products are developed and manufactured in our factory near Milton Keynes.

Don't delay for your own peace of mind and simple economics

Traka allows you to implement an effective and proven health and safety process to manage your trucks. By making your drivers accountable for the trucks they drive they will take more care and you can expect a reduction in your damage bills too, sometimes over an 80% reduction.

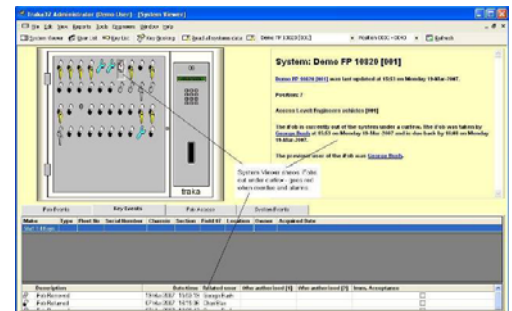


Other MHE applications

Traka have unique solutions for the management of Arm Mounted Terminals (as used by drivers for their picking instructions) and for managing data terminals and other mobile computing equipment. In addition Traka have a unique dock door management system to help the safety of your drivers during loading and un-loading operations.

Other Applications too

Traka cabinets are used throughout industry to help improve efficiency, health and safety, and security. Once you have a Traka system in place you can use the cabinets and software for numerous applications.



Finally...

To fully appreciate the Traka system it is best to arrange a demonstration where we can show you the product and the whole range of detailed reports available.

Please contact us using the details below, or visit our web site to see some of our customer solutions at: www.traka.com/video