

# Fork Truck and Industrial Plant control

**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 truck management solution is unique and is now installed on over 8,000 trucks in the UK alone.**



MHE and Industrial plant equipment is notorious for high levels of damage - and it is often difficult to identify the driver at fault. The larger the fleet the bigger the problem, yet even fleets of under 10 trucks need to be managed to ensure compliance with health and safety legislation, rules implemented in an effort to improve the safety of all staff working with, or near, these potentially dangerous machines.

The greater the truck damage the more your trucks will be off the road awaiting repair - and the more you might expect substantial repair costs for racking and the building infrastructure too.

Traka design products that will ensure that you have an enforceable process to



check drivers have valid licences for the trucks they drive and that they are automatically accountable for each truck they take. The computerised records will give a permanent history so there will be no dispute. Traka can also do much more too.

The Acceptance button will remind your drivers to perform their pre-op safety checks and as they do so a record will be created, without the need for paper based systems. Faults they find can be easily reported and the trucks will be automatically quarantined until fixed. If faults are found, the system ensures that the faults are notified promptly, so helping speed up the repair times. The optional shock sensor will encourage drivers to drive more cautiously and significantly, often with *increased* productivity and reduced stock damage.

Traka products are easily fitted and there is no need to interface to the CAN-bus electronics - a simple power connection is all that is needed as Traka includes its own DC/DC converter to power the 12v required. Short installation times mean that Traka can easily be fitted to new or replacement trucks.

There are three significant parts to a Traka management solution.

**Firstly there is the iFob - the Traka silver bullet.** This nickel plated brass tube is very strong and works in all environments, indoors and outside, including cold stores to -30C. This is



the key, an electronic key for the truck, and can be used in several different ways to suit the site requirements.

**Secondly there is the Traka Immobilisor - the part that fits on the truck.** This comprises a metal box that is fitted out of sight under the dash. Connected is a dash mounted socket that accepts the iFob and which usually fits the hole vacated by the old key switch, along with the Acceptance button, an extremely hard wearing illuminated metal button, which the



driver will use to confirm that his safety checks have been completed.

Thirdly there is the Traka cabinet, sometimes called the data download station. Either one or several of these are wall mounted inside your building and are used to store or program the iFobs depending on the version chosen.



These provide the real intelligence of the system and are connected to your computer system which will run the Traka32 administration software. Only users authorised by their ID card (other options are available) will have access



to the cabinet, so the access to your trucks is immediately restricted to authorised users only. The cabinet also holds information about each user and so controls which trucks the user may drive. As a driver takes his iFob, the cabinet records the activity and at regular intervals sends the information back to the Traka32 software, either through a hard linked computer cable or via the Network. Clients existing computers are used wherever possible to reduce installation costs.

The Traka32 software is very easy to use and includes informative graphical displays to allow supervisors to quickly see the status of the trucks and users.

Distribution centres operate in different ways. So too do open yards, quarries, mines and so on. Some sites have drivers using the same equipment for the whole of their shift; others require drivers to change vehicles to perform the next task. You can select a Traka solution to suit your site.

**Personal Issue iFobs with a Data Download station** Used this way, each driver has his own personal issue iFob which he can attach to his personal bunch of keys, simply keep in his pocket or attach to his belt hoop. He initialises this daily in the data download station and he uses it to start each truck for which he has permission to drive. The iFob records this activity - this method offers the most flexibility.

**The Traka cabinet with iFob per Person** Used this way, the iFobs are stored in the Traka cabinet and can be taken only by authorised staff. A single iFob will permit a user to drive all trucks that he is authorised to access. The iFob records the activity as before.

**The Traka cabinet with iFob per Truck** Used this way, the iFobs are stored in the Traka cabinet and can be taken only by authorised staff - but each iFob is dedicated to operate only one specific truck.

**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.

**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.

*"Historically the key for our vehicles, once signed out on a paper based log system at the start of a day either get left in a vehicle or passed from driver to driver so we have little control over who drives each vehicle or who has caused damage. Now we have Traka we have reduced our annual damage bills by over 80%."*

To find out more about our customer solutions, please visit our web site at [www.traka.com/mhe](http://www.traka.com/mhe) or contact us using the details below.

