

Intelligent loading bay safety solutions

Protecting loading bay staff from drive-offs with intelligent solutions that optimise warehouse safety and security operations



Secure
Manage
Audit

Traka DockSafe

The DockSafe management solution enhances safety, efficiency and security whilst delivering long-term value for warehouse operations.

Designed for all vehicle types, these versatile solutions protect the wellbeing and lives of employees by preventing dock doors from opening or trailers moving until it is safe, significantly reducing the “red light drive-off” incidents and other risks caused by human error. This is achieved by cutting power to dock doors through key retention or “airline locks”.

Traka’s solutions improve operational efficiency, reducing the need for manual safeguards, allowing workers to swiftly load and unload goods and perform daily tasks quickly. These solutions also help enforce Health & Safety compliance by monitoring dropped trailers, coupled vehicle and vans.

Unlike vehicle wheel restraints, Traka’s DockSafe solutions have lower installation and maintenance costs and eliminates frequent repair efforts caused by damaged restraint equipment.



“This solution ensures the system runs like clockwork, which is great news for our colleagues whilst working hard to deliver products to our customers”

Supply Chain - Operations Development Manager



Traka DockSafe Solution

Safety and benefits

- Increase safety compliance and safer use of shunter vehicles
- Minimise human error and reduce accident risks
- Improve warehouse security ensuring only authorised personnel can operate within loading bay
- Reduce time and loading efficiency for faster turnaround of vehicles
- Eliminate drive-offs by ensuring drivers cannot remove trailers or vehicles from bays until the dock door is securely closed
- Align opening of dock doors to secure storage of a key, preventing risks of stock theft
- A fully audited system-drivers details and actions are recorded and traceable



Increase
Safety Compliance



Minimise
Human Error



Improve
Warehouse Security



Increase
Health & Safety



Scan to watch the video

How it works

1

Vehicle backs into the loading bay

The driver or shunter secures the vehicle keys or airline lock into the Traka DockSafe solution.

2

Safety confirmation for loading bay

Warehouse is notified via illuminated light indicating that the loading bay is safe to load or unload. The bay door can now be opened.

3

Loading or unloading operation

The bay door remains open while vehicle keys or airline lock are securely held in the in the Traka DockSafe solution during the operation.

4

Completion and vehicle exit

Once the operation is complete and the bay door is closed, traffic lights turns green. Keys are then released, allowing vehicle to be removed from the loading bay.

Solution scenarios

Dropped Trailer

Airline lock is used to secure the trailer’s air system, ensuring the brakes are locked and trailer cannot move.

The trapped key from the airline lock is then managed in the DockSafe solution to allow the loading bay door to open.

While the door is open the trapped key cannot be removed from Docksafes solution.



Coupled vehicle - Option 1

Vehicle keys can have a Traka iFob attached temporarily or permanently

After parking on the bay, vehicle keys are inserted into the external Traka solution.

Internal beacon illuminates when the bay is safe to use.

Keys remain locked in the box while the door is open and can be retrieved once the bay door is closed and traffic light changes.



Coupled vehicle - Option 2

Once the vehicle is parked onto a loading bay, the vehicle keys are deposited into the Traka DockSafe locker solution.

Internal beacon illuminates to show the bay is safe to use.

The keys remain secured in the locker until the bay door is closed.





**Intelligent management solutions for
Manufacturing, Retail, Distribution and Logistics**

Scan the QR code to explore more on the range of industry solutions.



www.traka.com

The ASSA ABLOY Group is the
global leader in access solutions.
Every day we help people feel safe,
secure and experience a more
open world.