

DockSafe

An intelligent dock door control system for drive off prevention using the Traka iLock and Castell Salvo Susie device

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The DockSafe management solution is a unique and easily installed drive off prevention system designed to stop vehicles prematurely leaving the Goods Out bays of a busy distribution centre – historically the source of many serious incidents within the industry each year.

When a HGV trailer is decoupled and parked against a loading bay door there is a heightened risk of “drive offs” whereby the wrong trailer is moved or pulled away from the bay door before the loading operation is complete. The implications, should this occur, are significant often resulting in serious injury and even death.

Traka’s intelligent DockSafe solution isolates the trailer and is interlocked directly with the relevant dock door control mechanism to ensure a safe working environment is maintained until the loading operation is complete.

How does it work?

The driver positions the vehicle against the assigned loading bay and, by inserting a personal iFob in a receptor socket, releases the Susie lock from a control cabinet fixed to the outside wall of the dock door.

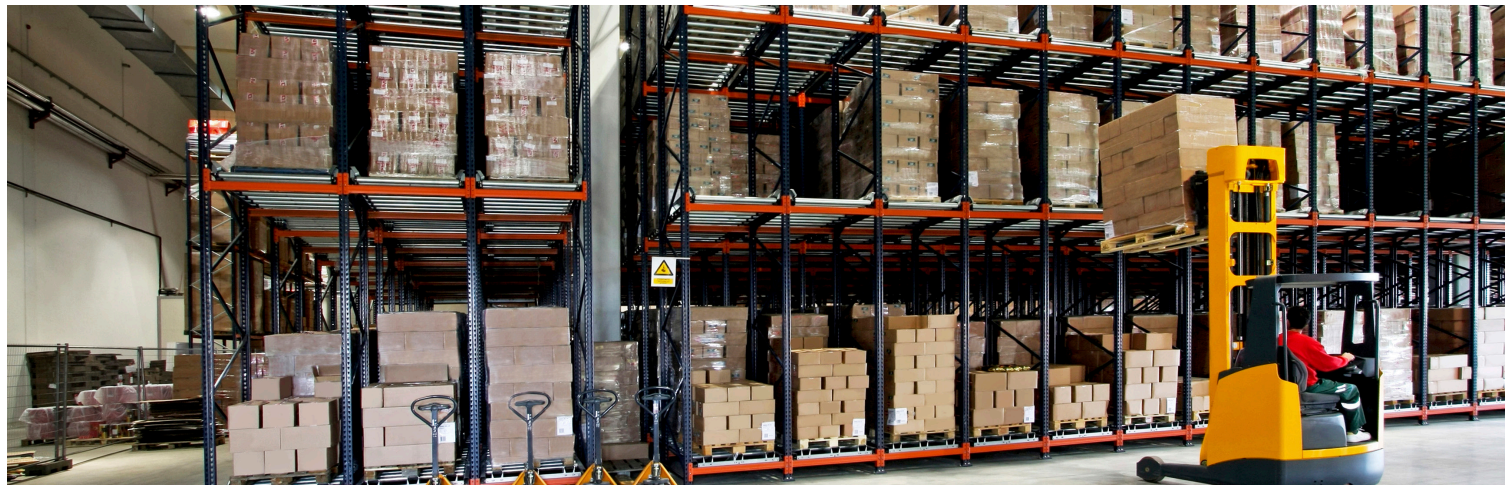
The Susie lock can only be fitted to the trailer airline coupling once the brake line has been disconnected, thus applying the brakes and

preventing the trailer from being moved. The action of fitting the Susie lock releases the control key from within the lock, which subsequently controls the operation of the dock door.

By inserting the key into a socket in the control cabinet a signal is sent to the warehouse staff that it is safe to operate the dock door.

The key is now locked in place in the outside control cabinet for the duration of time the dock door is open thereby preventing the driver from mobilizing his trailer and driving off. Only when the dock door is down, and the loading operation completed, can the key be removed and used to release the Susie from the trailer coupling, allowing the airbrake line to be reconnected. The Traka iFob records transaction data to allow information relating to the drivers details and time of use to be captured.





The system removes any ambiguity and the element of human error.

What are the benefits?

- Eliminate drive offs by ensuring that drivers cannot pull trailers away from Goods Out bays before the loading bay door has been made safe
- A fully audited system – drivers' details and actions are recorded and traceable
- Increased safety compliance and safer use of shunter vehicles
- Improve warehouse security
- Minimise human error
- A fully integrated system offering both Goods In and Goods Out dock door control
- Reports can be generated and information stored indefinitely

Cost effective and simple to use

- The Traka iFob allows authorised users to access the Salvo Susie lock
- The trailer is isolated by "locking off" the airbrake line preventing re-coupling
- The Susie control key activates the control panel allowing the door to be raised
- The key is locked in place whilst the loading bay door is open
- The door is closed and the control key is released

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- The Susie lock can be removed from the airbrake coupling
- The audit trail is recorded within the Traka iFob
- The system can only be operated by an authorised driver and an audit trail is created which records the drivers ID and the time the lock was activated and de-activated. All of this is achievable as the memory chip within the iFob has a unique serial number, which is assigned to an individual driver.



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