



PROTECT VEHICLE SECURITY



# Commercial Vehicle Safety & Security Solutions

Maple IntegriSeal



# A Little About Maple

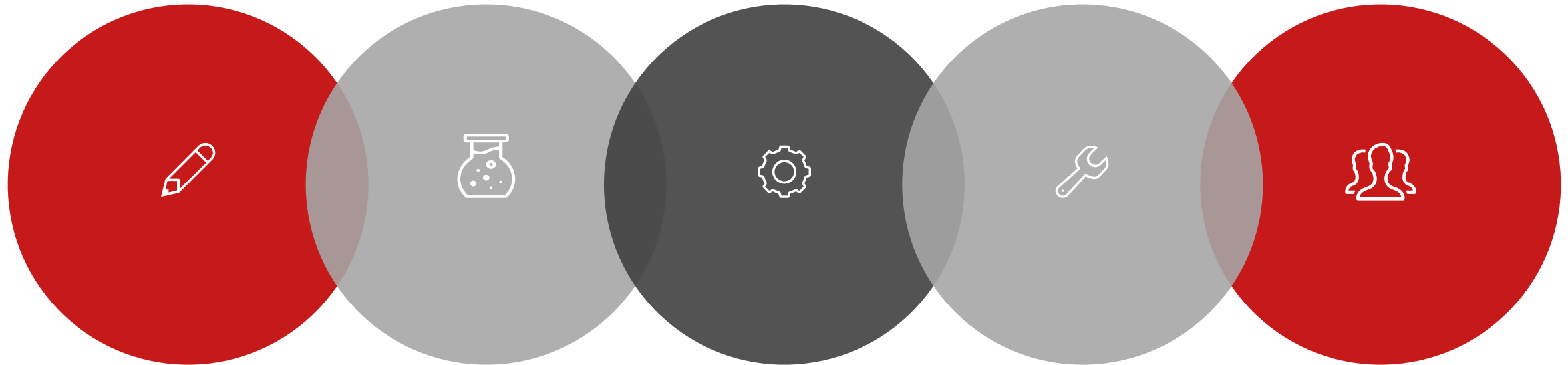


Maple are a solutions led company, designing, manufacturing and installing safety and security applications for the road transport and logistics industries. With a passion for engineering and design that is the cornerstone of the organisation, Maple have been providing innovative, practical and user friendly solutions since 1974, which in turn allow our clients to deliver the most efficient and reliable service to their own customers.

With a philosophy of embracing new and emerging technologies, our product range has continued to evolve, keeping pace with the demands of the logistics industry. Specialising in the protection of goods in transit including high risk and sensitive loads, we have the unique ability to track the ever changing demands and requirements of today's multi-channel operators.

# Maple at a glance

what we do



## **R & D**

Extensive in house  
research and  
development facilities

## **testing**

All products are  
subjected to extensive  
bench and field testing

## **manufacture**

Fully equipped machine  
shop and production  
facilities

## **installation**

Full-time multi-skilled  
installation engineers  
with fully equipped  
mobile workshops

## **support**

24/7 Service &  
maintenance for all  
Maple installations

# PVS Authorised Maple Partner Network

Distribution in Poland



At Maple we understand the importance of working with knowledgeable and trusted partners to deliver a consistent and dependable service. We work closely with a group of carefully selected partners and distributors who share our passion and commitment to deliver security products and service that you can rely on time and again.

Maple work exclusively with PVS (Protect Vehicle Security) in Poland to deliver and support Maple security solutions.



IntegriSeal



# IntegriSeal – Electronic Seal

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## Digital Load Integrity Sealing Solution

Replacing reliance on outdated disposable seals which can be easily manipulated, time consuming to administer and environmentally unfriendly, IntegriSeal offers a modern and efficient approach to load integrity

Providing a full audit trail and prohibiting unauthorised access, IntegriSeal can also integrate with existing gatehouse systems to streamline logistics operations.





## IntegriSeal Overview

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- A lockable electronic 5 digit seal
- Locks & seals automatically once the sealing cable is engaged and the handle is secured
- Can only be unlocked and unsealed via authorised persons using a fob or PIN code
- Solid construction, environmentally tested to withstand weather and temperature extremes
- Powered independently via a long-life battery
- Choice of access control options
- Can be integrated with the Maple Gatehouse application.

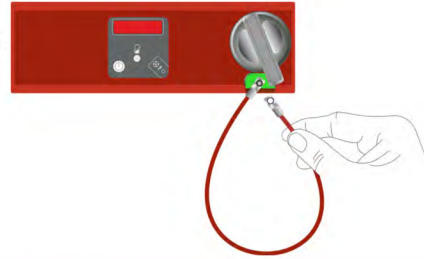




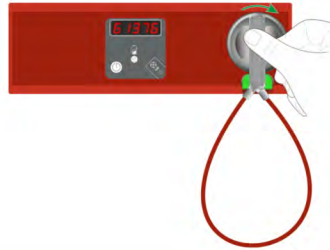
# IntegriSeal User Guide

## IntegriSeal User Guide Standard Locking & Sealing Mode

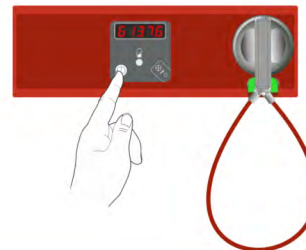
- 1.** Close the vehicle door and secure the handle as normal. Thread the sealing cable through the door latch and place the eye of the sealing cable onto the pin.



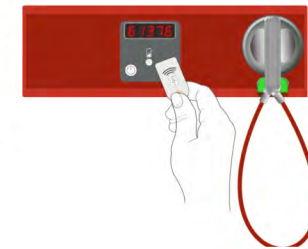
- 2.** Turn the handle to the closed position to lock the cable in place, a new random 5 digit seal number will appear on the display for a few seconds, indicating the unit is now in a locked and sealed state. The seal number can be displayed at any time by pressing the white wake-up button.



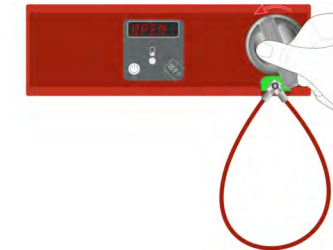
- 3.** On arrival at the vehicle's destination press the white wake-up button to confirm the seal number matches that of the dispatch paperwork.



- 4.** To unlock & unseal, press the white wake-up button and either present a valid transponder fob to the antenna, or enter an unlock code (refer to 'Challenge Response' user guide if using unlock codes), the message 'OPEN' will flash up on the display.



- 5.** Immediately turn the handle to the open position and remove the seal cable.

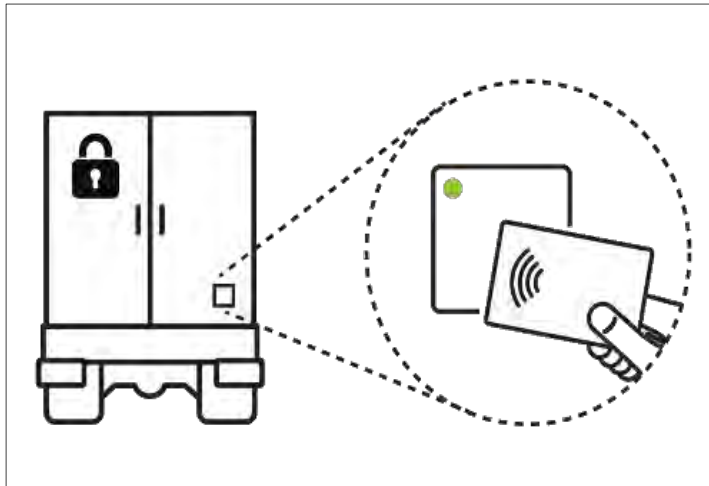




Access Control Options

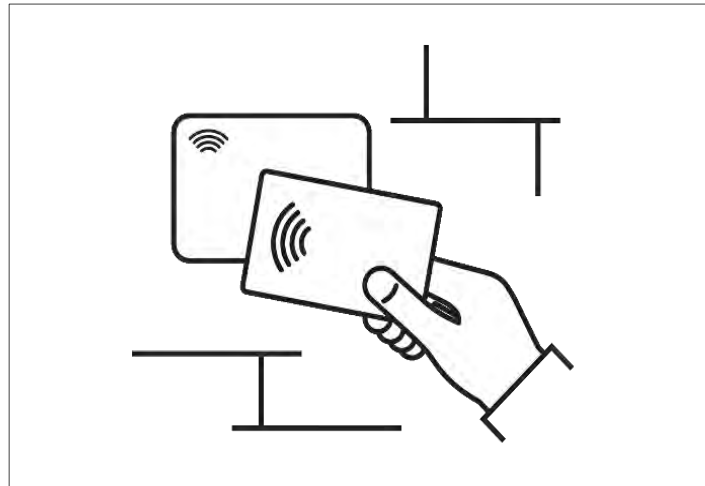
# Access Control Options

flexible solutions for every logistics operation



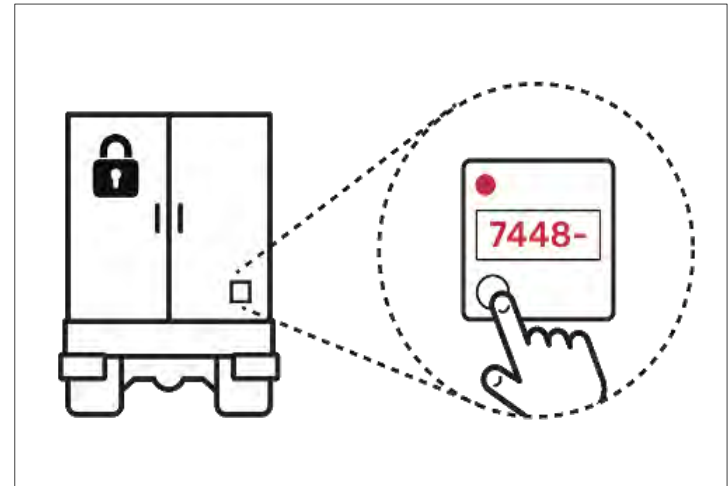
## Standard RFID Fob Access

Access to FreightLock is gained via an RFID fob, which can be programmed to access individual vehicles or groups of vehicles.



## RFID Fob Validation

Validate individual fobs to enable to access to your vehicles for a pre defined period of time (i.e 12 hours, 24 hours, 1 week etc), thus offering greater control over the number of access fobs in circulation.



## Challenge Response

A powerful feature that negates the requirement for access keys.

Challenge Response, enables the user to input single use access codes generated via a secure web portal by authorised personnel.



# Challenge Response

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## Secure, keyless entry

A powerful feature that negates the requirement for access keys, eliminating key management headaches.

Challenge Response, enables the user to input single use access codes that are generated using secure algorithm based technology that can only be issued or generated by authorised personnel.

[View demonstration video](#)





# Key Validation

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## Secure, time-limited access

RFID tags can be enabled using a Key Validation Unit mounted in the warehouse, transport office or at a delivery location.

The validation unit enables an RFID tag for a pre-defined time, which for example can be for a few minutes at a delivery location or 12 hours in a warehouse environment.





# Programming Tags

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## Secure RFID access

RFID tags are programmed with access rights using the Maple Key Reader unit via the Integritas web portal.

Tags can operate single units or groups of vehicles.





## Downloading Data

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### Secure Event Reporting

Uses Bluetooth connectivity to an Android device to access the web portal via a Maple Integritas app.

Enables all door, lock and seal events to be uploaded to the web portal for reporting purposes.

Delete lists are automatically uploaded to the lock together with changes to the real time clock.



# Emergency PIN Numbers

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Keeping you moving every step of the way

With Integritas, you have the reassurance of knowing that you can securely access your vehicles load area whenever you need to – even if the keys have been locked inside or misplaced.

[View Demonstration Video](#)





# GateHouse Integration

# Gatehouse Integration

The innovative Integritas platform can now be integrated with gatehouse systems to help fleet operators streamline vehicle processing procedures, eliminate queues and uncover substantial cost savings



Automatically capture and view seal & lock status as the vehicle arrives at the depot gatehouse



Automatically capture and upload audit trail data of who accessed vehicles & when



Protocol available to send IntegriSeal data to clients' pre-existing fleet management system



Reduce queues and vehicle idling time at the gatehouse by streamlining processing times



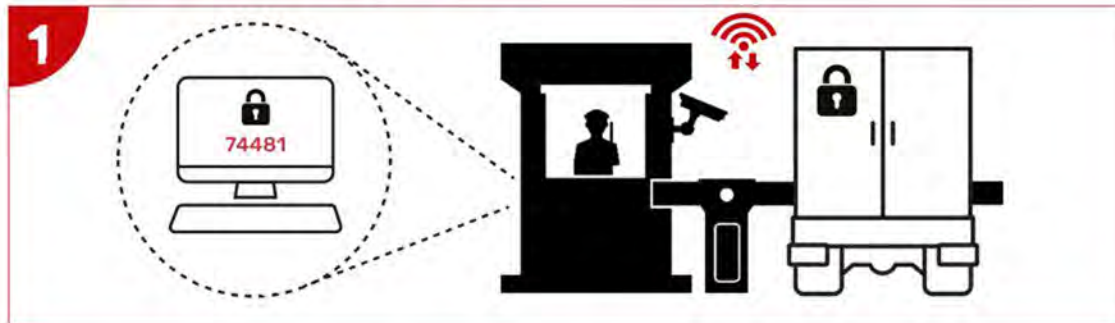
Automatically transmit audit trail data to client database via wireless integration

# Gatehouse Application



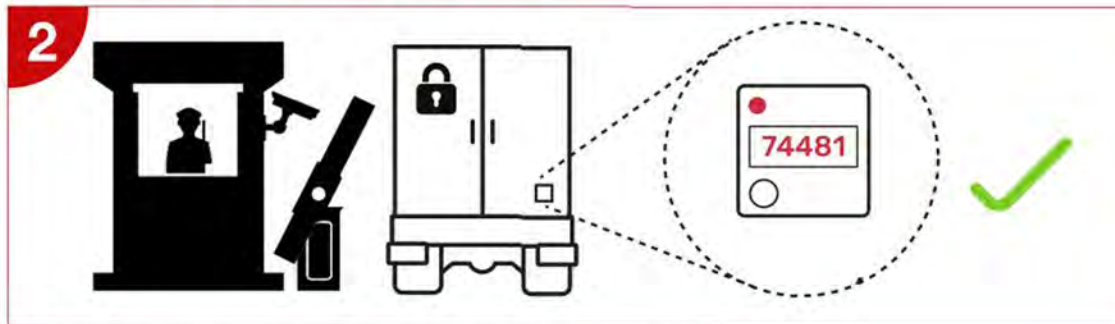
The Maple Gatehouse integration helps to streamline vehicle processing times, reducing queues and vehicle idling time at the gatehouse

## DATA DOWNLOAD

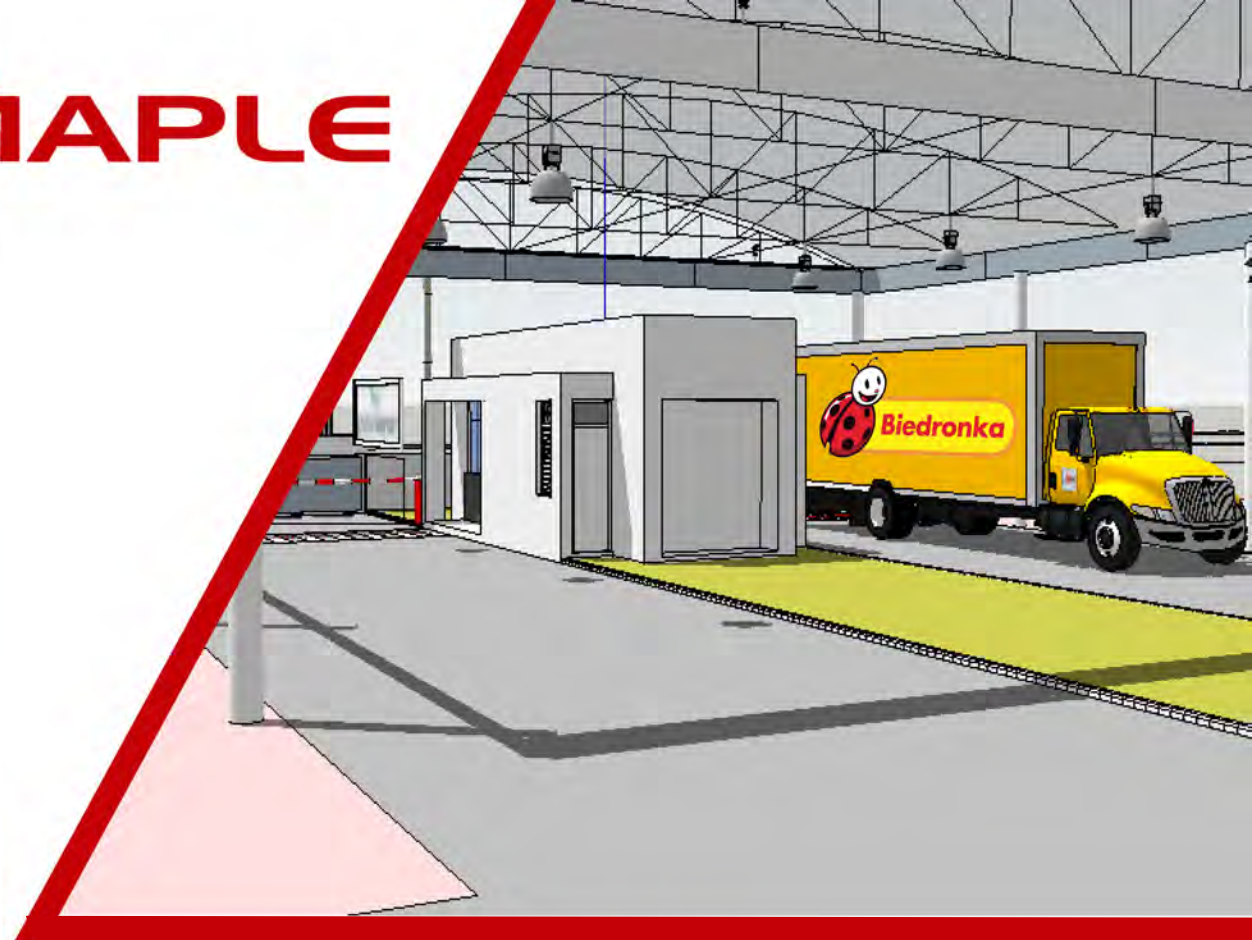


As the vehicle arrives at the gatehouse, the seal data is automatically uploaded to your secure database at [www.integritas-secure.net](http://www.integritas-secure.net). The current seal number and vehicle details are displayed on a screen in the gatehouse so it can be verified against the delivery manifest.

## VERIFY SEAL STATUS



Once the seal status has been verified, the vehicle can be cleared to enter the depot, without delay.



## ANALYSE SEAL DATA

A diagram illustrating the third step of the process. It shows a screenshot of a web application titled 'Gatehouse Report' and 'Maple AS Demo'. The report displays a table with three columns: 'Vehicle', 'Date', and 'Seal No'. The table contains three rows of data. A red banner with the number '3' is in the top left corner.

Vehicle	Date	Seal No
MAP456	22 Apr 09:53	44958
MAP456	22 Apr 09:49	54462
MAP456	22 Apr 09:46	95013

Seal data and door activity reports can be quickly generated and downloaded on the web portal.



# contact us

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