



# FMS E-Secure Impound



The FMS Impound with E-Secure Solution is a product that can help cities and regulating bodies to ensure impounded vehicles are not moved during a time of detention. The e-secure can easily be fitted at any time onto any vehicle regardless of its location. The E-Secure device has anti-tampering technology that will notify the control room in the case of attempted illegal activity. For convenience, the control room can send SMS messages to users alerting them of violations, penalties, or updated information.

This system works seamlessly with the FMS-Tech software for monitoring users, generating customized reports, and receiving live notifications.

As with all of the FMS-tech products, this device can easily be customized according to the application's specific needs and requirements.

## KEY FEATURES:

- The implementation of the FMS Impound with E-Secure Solution replaces manual processes with technology to reduce operating costs and centralize processes
- The impound device can be attached to a vehicle parked in any location, near or far to the control room monitoring the impounded vehicles
- Centralized and digital reporting for impound vehicles makes record keeping easy, and gives access both the regulating officials and users access to specific data
- Giving an option to let users keep their vehicles while being detained reduces the asset needs of regulating bodies and increases the trust of users
- The expandable arms of the device can fit both small to large vehicles
- The device's Long Battery Life ensures service and connectivity without interruption
- The remote unlock feature allows the regulating officials to allow the impounded vehicle to be released remotely

## APPLICABLE INDUSTRIES:



Oil and Gas



Municipality



Transport



Rent a car



Customs



Construction



Distribution



Supply chain

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## GNSS

GPS/GLONASS	GPS & GLONASS
Satellite Channels	22SAT/12CH
Tracking Sensitivity	-165 dBm
Satellite Acquiring time	
- GPS Hot Start	<6 sec
- GPS Cold Start	<30 sec
GNSS Antenna	Internal
Speed (GPS/Gearbox)	GPS

## GSM

GSM Network 2G	GPRS multi-slot Class 12
GSM Network 3G/LTE	No
GSM Technology	Quad Band
TCP/IP	Yes
TLS	Optional
Voice Support	No
GSM Antenna	Internal

## COMMUNICATION INTERFACE

CAN Bus	No
RS232	Yes
RS485	No
WiFi	Optional
Bluetooth	Optional
Zigbee 2.4GHz	Optional

## DRIVER ACCESS CONTROL

Technology	No
RFID Frequency	No
RFID Card	No

## IMMOBILIZATION

Ignition Relay	No
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## INBUILT HARDWARE

Internal Battery	Yes
Internal Memory	4MB
Internal Buzzer	No

## POWER SUPPLY

Input Supply	5V / 2A max
Power Consumption (12 V)	
- Active mode	40mA
- Sleep mode	3mA
Power Spike Protection	-

## ENCLOSURE

IP Rating	IP54
Status Indicators	4 LEDs (under seal leds for battery level and power)
Dimensions	117 x 117 mm

## COMPATIBLE FMS ACCESSORIES

E-Lock	Yes
Fuel Sensor	No
Accident Sensor	Yes
Proximity Sensor	Yes
Iridium Satellite	No
In-Cab Camera	No
Panic Button	Yes
Mic & Speaker	No
Bluetooth Headset	Optional

## FEATURES

Live Online Tracking	Yes
Historical Tracking	Yes
Geo-fencing	Yes
Buzzer Alarm	No
Upgradable Hardware	Yes
Number of Events	100
Events Configuration	Unlimited
Harsh Braking	Yes
Harsh Acceleration	Yes
Vibration (Graded road)	Yes
Movement Detection	Yes

## WHEEL LOCK SPECIFICATIONS

Arms	2x Metal sheet tube powder coated, and one metal sheet tube nickel plated
Device	Heavy Duty ABS+PC enclosure and high temperature working environment
Protection Level	IP65
Maximum Wheel Dimensions	Diameter 410-710 mm, Width: 225 mm
Impound Lock	3.7VDC 30mA (1.8 ~ 4 sec full trip)

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