



# SMARTRACK<sup>®</sup> GLOBAL

Fleet Management Made Easy,  
Any Time, Anywhere

Helpful **features**, throughout the day.



## Product **Features**

SmarTrack® Global is brand agnostic, you can install our system across multiple makes and models of equipment providing continuity of functionality and reporting across the world.

12V to 48V wide voltage range (voltage reducer required for higher voltage ranges).

VDI-4458 (CANbus) compatible – the system becomes *Plug & Play* for manufacturers that support this standard.



### Connectivity

4G or Wi-Fi.



### GPS Zoning

Use a dedicated output to control a speed-limiter when moving between zones.



### Email Alerts

Checklist, Impact, Over Speed, Over Weight, Seat, Buckle and more.



### Machine Utilisation

Able to be shown by multiple inputs from travel, hydraulic pump



### Message of the Day

Configure a message to show on the operator display such as "Watch for pedestrians", a different message available for each day.



### Battery Voltage Monitoring



### Multi-Lingual

Operator display and website options



### Critical Output

Critical Output relay available to interface with machine and accessories activated by critical events such as checklist, impact, and excess idle.



### GPS Location

And GPS Tagging of certain events

# Compliance Features



## Inbuilt Access Control Using Keypad & Swipe Card

Lock down your equipment to authorised operators only.



## Electronic Checklists

Pre-Start, Post-Start, Multi-Lingual, Multiple Shifts



## Out of Service

Machine can be locked automatically (under certain conditions) or manually.

Operator display will show Out of Service and only authorised personnel can operate or reset.



## Violations

Shown on operator display, recorded to website, configurable as an email alert

Impact (GPS tagging when used outside)  
Over Speed, Over Weight, Seat, Buckle, Pedestrian Alert System (optional upgrade)



## Operator Licence & Permit Expiry

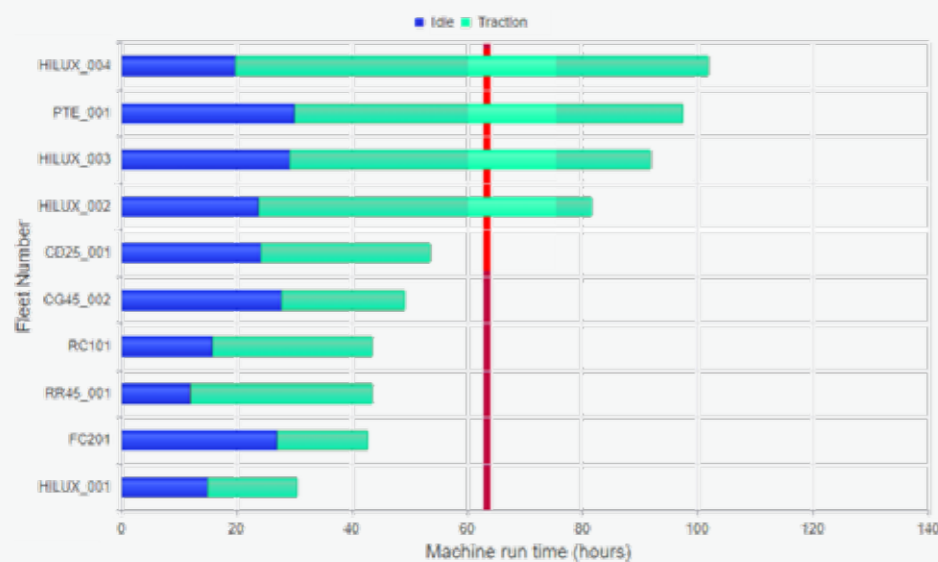
Will lock out Operator from machine once expired.

# All these features included...

FEATURES	SMARTRACK® GLOBAL
Color multi-function display with Buzzer	✓
Keypad Access Control	✓
RFID or HID Card Access Control	✓
Access Control - Card or Keypad or Both	✓
Multi-lingual Checklist	✓
Pre Start Checklist	✓
Post Start Checklist	✓
Operator Speedo	✓
Operator Weight Gauge	✓
Operator Warning Impact	✓
Operator Warning Seat and Buckle	✓
Operator Warning Over Speed	✓
Operator Warning Over Load	✓
Operator Voltage Monitoring	✓
Operator Warning Pedestrian Detection	✓
Operator Warning PAS	✓
Operator Message Of The Day	✓
Operator Time/Date	✓
Operator Name shown on Display	✓
Configuration of Inputs/Outputs	✓
Customised Onscreen Brand Logo	✓
Auto Logoff (Machine Shutdown)	✓
Checklist Reporting	✓
Concurrent Login Report	✓

FEATURES	SMARTRACK® GLOBAL
Operator Licence Expiry	✓
CanBus Vehicle Data Interface VDI4458	✓
Installation & Commissioning Wizard	✓
Out of Service	✓
Impact Reporting	✓
Global Reporting	✓
Utilisation Reporting	✓
Excess Idle Reporting	✓
Voltage Monitoring	✓
Service Scheduling	✓
GPS Speed Zoning	✓
Weight Monitoring (Email Alerts)	✓
Speed Monitoring (Email Alerts)	✓
Seat Monitoring (Email Alerts)	✓
Buckle Monitoring (Email Alerts)	✓
Low Voltage (Email Alerts)	✓
Excess Idle (Email Alerts)	✓
PAS (Email Alerts)	✓
GPS Location	✓
Machine Agnostic	✓
Connectivity - Cellular or Wi-Fi	✓
Over the Air Updates	✓
Operational Voltage 12-48VDC	✓

MACHINE UTILISATION





## Optimise your operations and increase bottom-line profits.

Systems for fleet management is becoming more and more important in optimising operations for businesses all over the world. With our fleet management solution, SmarTrack® Global, RCT can meet this demand.

Employees at every stage of the supply chain can access relevant, personalised information in real-time thanks to the creative solution. Regardless of the brand or model, the system can be installed on a wide range of industrial machinery.

SmarTrack® Global's multilingual user interface makes it usable anywhere in the world. It delivers machine data from various locations on a single platform, at any time and from any location.



Machine &  
Operator  
Safety



Cost  
Reduction



Easier  
Compliance



Increase  
Productivity

SmarTrack® Global improves efficiency and makes industrial fleet management easier. With information about machine and operator activity, management is better equipped to make decisions that will increase profits.



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## Specifications

### System Overview

Web Portal Requirements - Internet Access:	An internet connection is required
Web Portal Requirements - Browser Version:	We recommend Chrome, Firefox or Edge for the best user experience. Internet Explorer is not recommended. Internet Explorer 9 or below is not supported
Web Portal Requirements - Browser Plugins:	SmarTrack® does not require any plugins
Data:	Data is stored in secure, encrypted cloud infrastructure
Security:	Access is secured with SSL certificates and 256bit SHA encryption
Data Integrity:	Dual backups are employed with hourly, daily and weekly backup policies
Access Control:	Tested to 1000 users (pin number and card access)
Checklist - Maximum Questions:	Total of 30 in any Category. Categories are created by users - eg Gas Forklift, Battery Forklift, Diesel Forklift.
Checklist - Run Times:	Configurable to run up to three times per day
SmarTrack® - Number of Users:	Unlimited
SmarTrack® - Reports:	Available for Daily, Weekly, monthly email delivery
SmarTrack® - Alerts:	Immediate email delivery (network dependent)
Supported Languages - Website:	Chinese, English, French, German, Russian, Spanish
Supported Languages - Operator Display:	Arabic, Chinese, English, Estonian, Filipino, French, German, Hindi, Indonesian, Khmer, Korean, Latvian, Russian, Spanish, Thai, Ukrainian, Vietnamese

### Operator Display

Type:	LCD TFT, 480 x 272 pixels
Dimensions:	W: 122mm (4.80"), H: 39.5mm (1.55")
Weight:	430g (0.95lbs)
Operating Temperature Range:	-30°C (-22°F) to 60°C (140°F)
Connection Types:	Industrial M12 / 4-Pin
IP Rating:	IP65

### Control Unit

Dimensions:	L: 148.2mm (5.83"), W: 116mm (4.57"), H: 48.5mm (1.91")
Weight:	300g (0.66lbs)
IP Rating:	IP65
Mounting:	Attachment via two 7mm mounting holes
Input Voltage:	Operating 12–48V, maximum 60V
Current Draw:	0.5mA (Standby), 6A Max (Operating)
Operating Temperature Range:	-30°C (-22°F) to 60°C (140°F)
Connection Types:	AMP Superseal 1.0mm
Number of Inputs:	8 Digital / Frequency / Analogue
Number of Outputs:	8 Digital outputs 12V @ 400mA
Circuit Protection:	Short circuit and over-current protected