



# **SMARTRACK<sup>®</sup>**

# **GLOBAL**

FLEET MANAGEMENT MADE EASY,  
ANY TIME, ANYWHERE

# Helpful features, throughout the day.



- ✓ **Global Reporting**
  - Compare data sets across multiple global sites from a single device.
  - Easily identify events and pinpoint underperforming equipment.
  - Scaled indicators for comparable data between sites.
  - Extensive sort and filter functions to produce relevant data.
  - The ability to export raw data (CSV) and graphical charts into business integration (BI) systems

- ✓ **GPS Zoning**
  - Provides a GPS zoning solution for equipment requiring speed control within specific areas.
  - GPS Zoning can cater for 50 different zones per site.
  - When interfaced with the RCT's Speed Limiter, the system activates different pre-programmed speed settings as required for different areas of operation e.g. high-traffic areas, a slow speed is engaged, whereas a higher speed can be pre-set for more open areas.

- ✓ **Pre-start and Post start checklists**
  - Eliminates paper checklists and data input requirements to reduce administration time.
  - Customised checklists can be assigned based on different machine models and operator requirements.
  - Supports multiple shifts with adjustable start times and operator changes.
  - Checklists preferences can be altered easily at any time.
  - Checklists can be constantly reordered ensuring operator engagement with the questions.

- ✓ **Out-of-service**
  - Eliminated paper tags results in reduced administration costs.
  - System limits machine access to authorised people.
  - Out of Service display is automatically applied when a critical event occurs.
  - Machines can be remotely placed into Out of Service through the web portal. This can be used to manage standby fleets or scheduled machine maintenance.
  - Additional information can be recorded through the web portal allowing for more detailed records to be captured for the event.

- ✓ **Multilingual Interface**
  - SmarTrack® Global is multilingual-enabled for both operators and managers. Site-specific multilingual operator interfaces selectable to each operator ID.
  - Multilingual options for: Website, Reports, Alerts, Checklists and "Message of the Day"

- ✓ **Speed monitoring**
  - The machine speed is displayed on the screen for the operator to view.
  - When an operator exceeds a pre-set speed, there will be a warning and alarm on the SmarTrack® display. Reporting is available for all speed violations with details of the operator and duration of the offence.

- ✓ **Weight monitoring<sup>1</sup>**
  - Utilisation reports with weight monitoring provides additional information about how the machine is utilised including the time spent stationary and travelling with different loads.
  - Reports include the number of load lifts per machine.

<sup>1</sup> Weight and speed monitoring may require additional hardware.

# Features you need to know...



## Battery Voltage<sup>1</sup>

Email alerts for low battery  
On-screen warning for operators



## "Message Of The Day"

Deliver relevant safety information to operator's screen  
Different messages available depending on ongoing work issues



## Live Email Alerts

Checklist, speed, overweight, seat and buckle violations, impact, machine bypass, licence expiry, service due



## Connectivity

Cellular/Mobile or Wi-Fi data communications



## Buckle Monitoring

Alerts and reports when seat belt is not worn



## Event Reporting

Impact GPS location  
Machine out of service on critical impact  
Posts incident, root cause analysis comments



## Seat Monitoring

Seat violation alerts  
Auto-logout when operator is absent from seat



## Work Inputs

Capture work time from three inputs such as forward, reverse, and lift



## Critical Output

Dry NO / NC contacts available to interface with machine and accessories activated by critical events such as checklist, impact, and excess idle

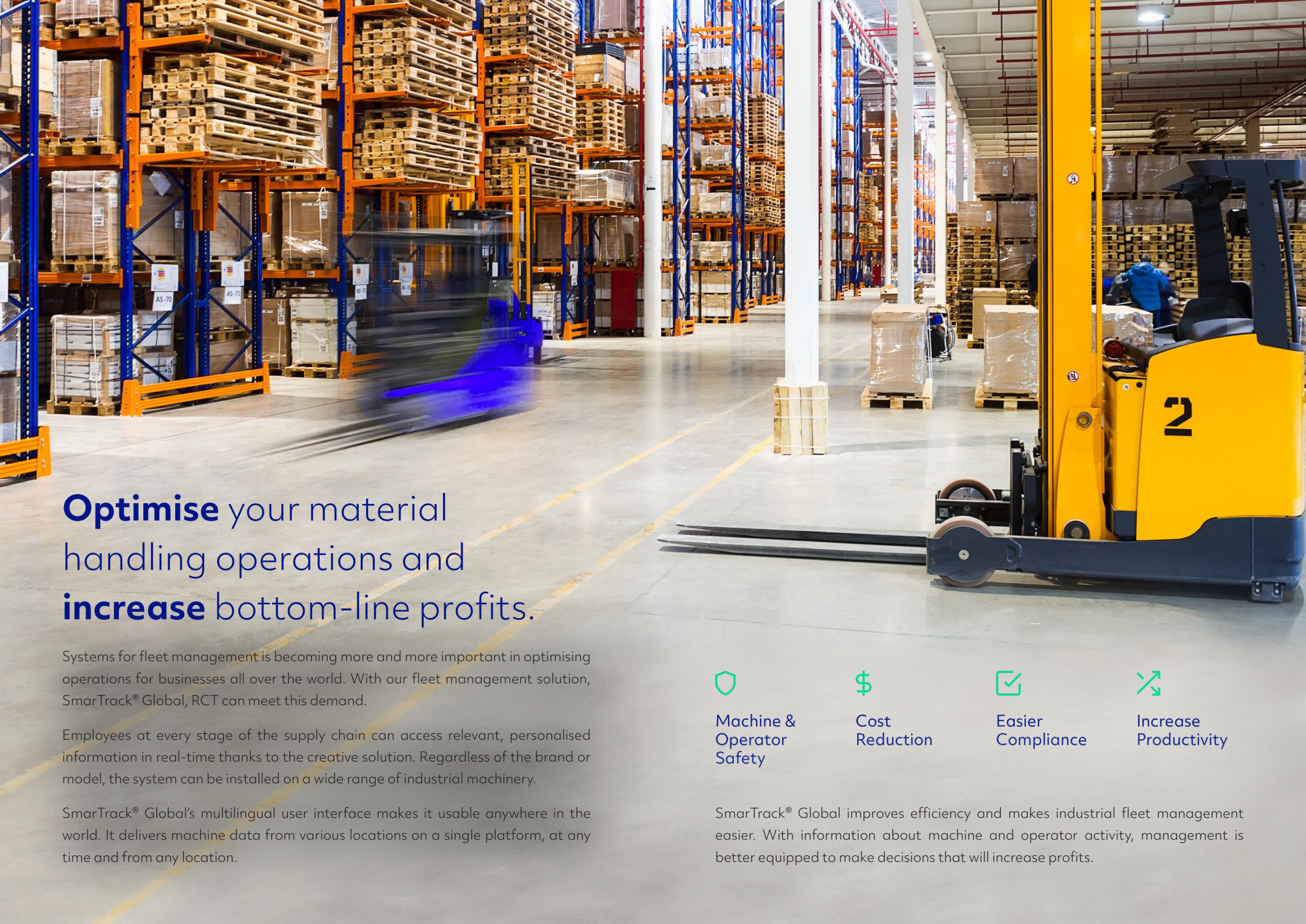
# With **all** these features included...

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	✓



<sup>1</sup> Only systems with nominal battery voltages between 12-48V will support this feature.  
Example, 80V machines require a voltage reducer, SmarTrack® will read whatever voltage the reducer produces.



## Optimise your material handling 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.



## Website

rct-global.com

## Email

Solutions@rct-global.com

## 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
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