FLEET MANAGEMENT MADE EASY, ANY TIME, ANY WHERE

SMARTRACK®
global

Fleet management systems are playing an increasingly vital role in optimising materials handling operations and increasing bottom line profits for companies worldwide. RCT is meeting this demand with its fleet management solution, SmarTrack® Global.

The innovative solution provides relevant, customised information in real-time to employees at every level of the supply chain. The system can be installed on a diverse range of industrial equipment, regardless of make or model.

SmarTrack® Global can be used anywhere in the world with its multilingual user interface. It delivers machine data from multiple sites; all under one platform, any time, any where.

SmarTrack® Global streamlines operations and simplifies the industrial fleet management process. It empowers management with information about machine and operator activity, resulting in smarter, profit-boosting decisions.

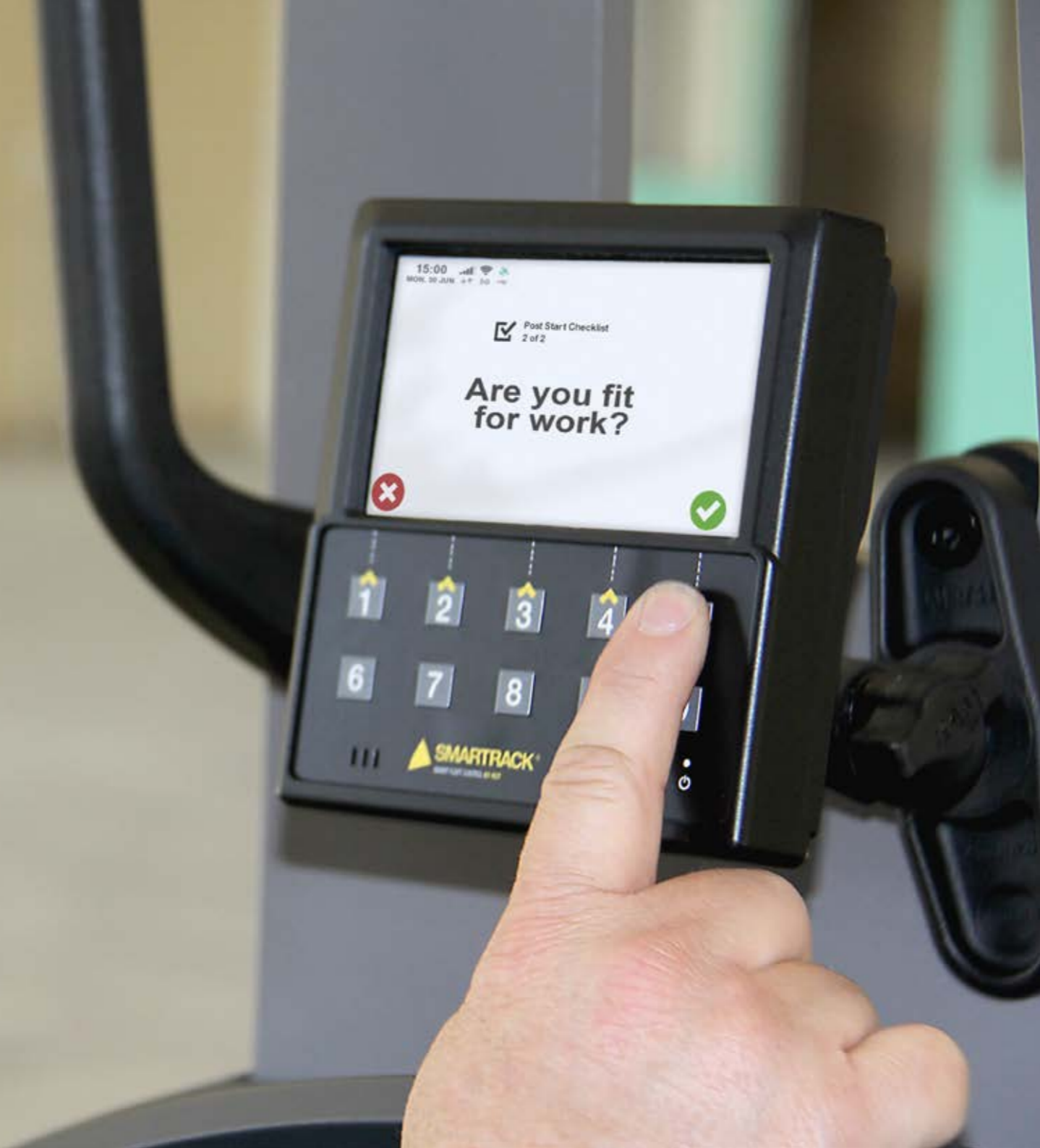## CONTENT

ANY MACHINE, ANY TIME, ANY WHERE

MACHINE & OPERATOR SAFETY

EASIER COMPLIANCE

COST REDUCTION

INCREASE PRODUCTIVITY

(device screen shows) Post Start Checklist 2 of 2 — **Are you fit for work?**

KEY FEATURES

GLOBAL REPORTING	PRE-START AND POST-START CHECKLISTS	MULTILINGUAL INTERFACE
OUT-OF-SERVICE	WEIGHT AND SPEED MONITORING*	GPS ZONING

BATTERY VOLTAGE	SEAT MONITORING	LIVE EMAIL ALERTS	"MESSAGE OF THE DAY"
Reports on battery voltage / Provides operator warnings for low battery	Report operator seat time / Auto-logout when operator is absent from seat	Checklist, speed, overweight, seat and buckle violations, impact, machine bypass, licence expiry, service due	Deliver relevant safety information to operator's screen / Different messages available depending on ongoing work issues
SERVICE SCHEDULER	**OPERATOR ACCESS CONTROL**	**CRITICAL OUTPUT**	**EVENT REPORTING**
Receive notifications for service due / Schedules based on hours and calendar / Customised notification intervals	Only licenced operators are able to use the equipment via card reader or keypad / Identify licence information, expiry dates, and training requirements	Dry NO / NC contacts available to interface with machine and accessories activated by critical events such as checklist, events, and excess idle	Impact GPS location / Machine out-of-service on critical impact / Posts incident, root cause analysis comments
CONNECTIVITY	**WORK INPUTS**	**BUCKLE MONITORING**	**WEIGHT REPORTING**
Cellular/Mobile data communications on 4G/LTE Networks with 3G fallback	Capture work time from three inputs such as forward, reverse, and lift	Alerts and reports when seat belt is not worn	Reports on loaded times, utilisation, lift counts and total weight summaries

* Weight and speed monitoring may require additional hardware.

GLOBAL REPORTING

**SMARTRACK® CAN DISPLAY DATA FROM ANY
MAKE OF MACHINE ANY TIME, ANY WHERE**

- ▶ 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.

Utilisation by Machine

Events by Week

ONLINE REPORTING
Cloud-based system with web browser reporting
accessible on any smart device.

EASY-TO-READ
Detailed and concise data.

SCALABLE
Highlight desired outcomes to reveal specific data.

CUSTOMISABLE
Filter data based on fields e.g. dates, machines, operators.

Customised information in real-time providing relevant data
to management at every level of your organisation.

EXPORT DATA
Export information in multiple formats including
CSV, PDF, PNG image or scalable SVG web graphic.

PRE-START AND POST-START CHECKLISTS

▶ Eliminates paper checklists and data input requirements, reduces 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.

▶ Checklist questions can activate maintenance and critical alerts triggering email notifications to relevant authorised people. Critical alerts will prevent machine use and place the machine use into Out-of-Service. SmarTrack® provides complete customisation of all these settings based on user preferences.

▶ All completed checklists can be retrieved at any time through the web portal.

▶ Checklists preferences can be altered easily at any time.

▶ Checklists can be constantly reordered ensuring operator engagement with the questions.

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

▶ "Message of the Day"
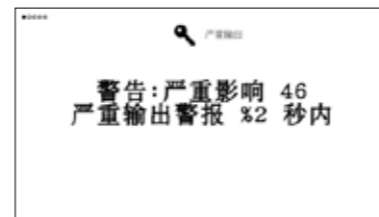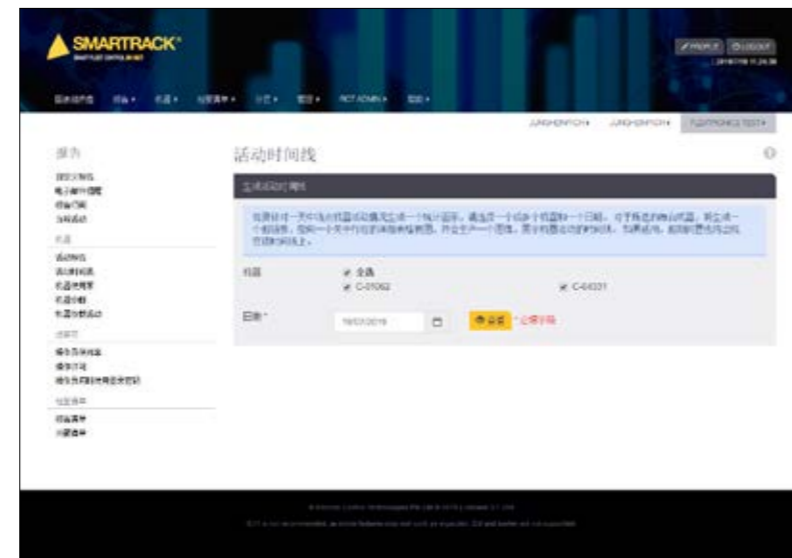
OUT-OF-SERVICE

SmarTrack®'s Out-of-Service feature allows machines to be 'locked'. This is to prevent use of machines which maybe damaged or unfit for use due to unplanned reasons. This feature can also prevent use of machines for planned reasons such as scheduled services.

Key benefits:

▶ 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.

▶ Prevents use of machines that are due for schedule maintenance.

▶ 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.

WEIGHT MONITORING

THE INFORMATION PROVIDED:

► Utilisation reports with weight monitoring provide 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.

FEATURES FOR:

Operator:

► The operator can tally up multiple weight measurements.

► The operator can see the number of lifts, overloads and total weight for the trip.

Manager:

► Reporting of weight-related data is available to monitor fleet effectiveness.

► Email alerts when there has been a weight overload on a machine.

SPEED MONITORING

THE INFORMATION PROVIDED:

► 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, GPS location and duration of the offence.
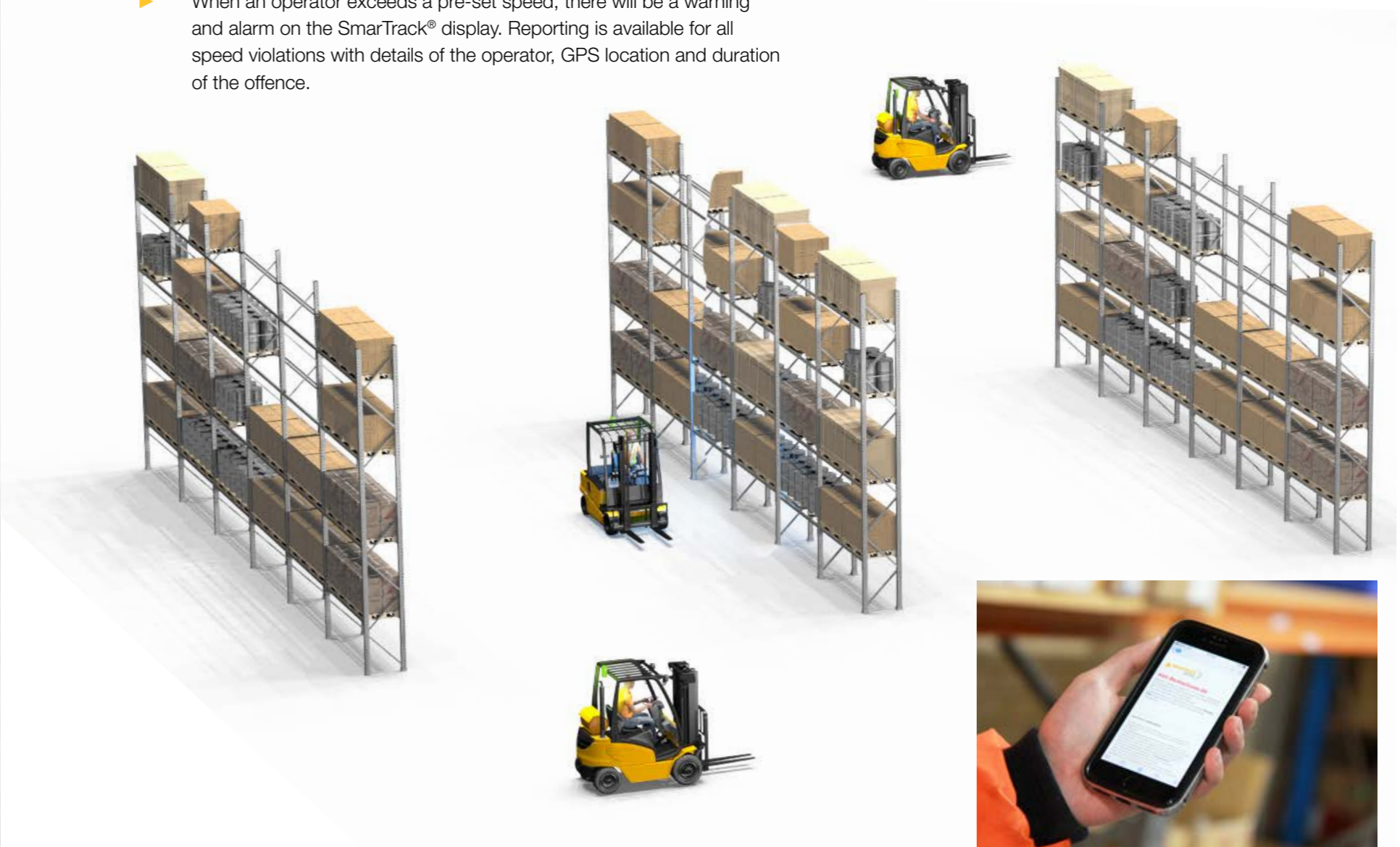
GPS ZONING

Provides a geofencing 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. in high traffic areas, a slow speed is engaged, whereas a higher speed can be pre-set for more open areas.

Key features/benefits:

► Suitable for larger 'open' sites.

► No on-going cost.

► Flexible - easy to change zone areas.
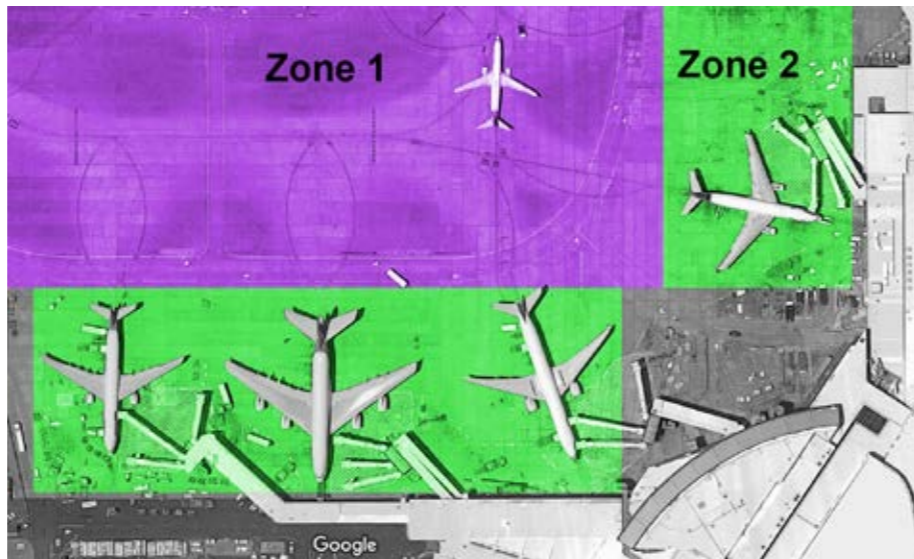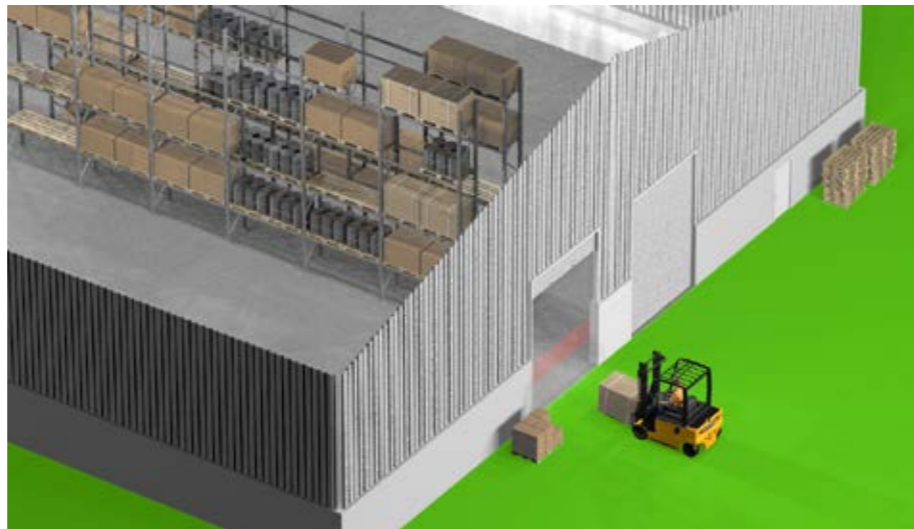
MORE THAN FLEET MANAGEMENT

Discover RCT's extensive range of solutions to complement and/or enhance your fleet utilisation. These include:

COLOUR CHANGE LIGHT

LINE LIGHT

REARVIEW CAMERA VISION

BLUE SPOT

SEATBELT CONTROLLER

IN CABIN MONITORS

IDLE AND SHUTDOWN SYSTEMS

FORK CAMERA

ENGINE PROTECTION SYSTEMS

SPEED LIMITERS
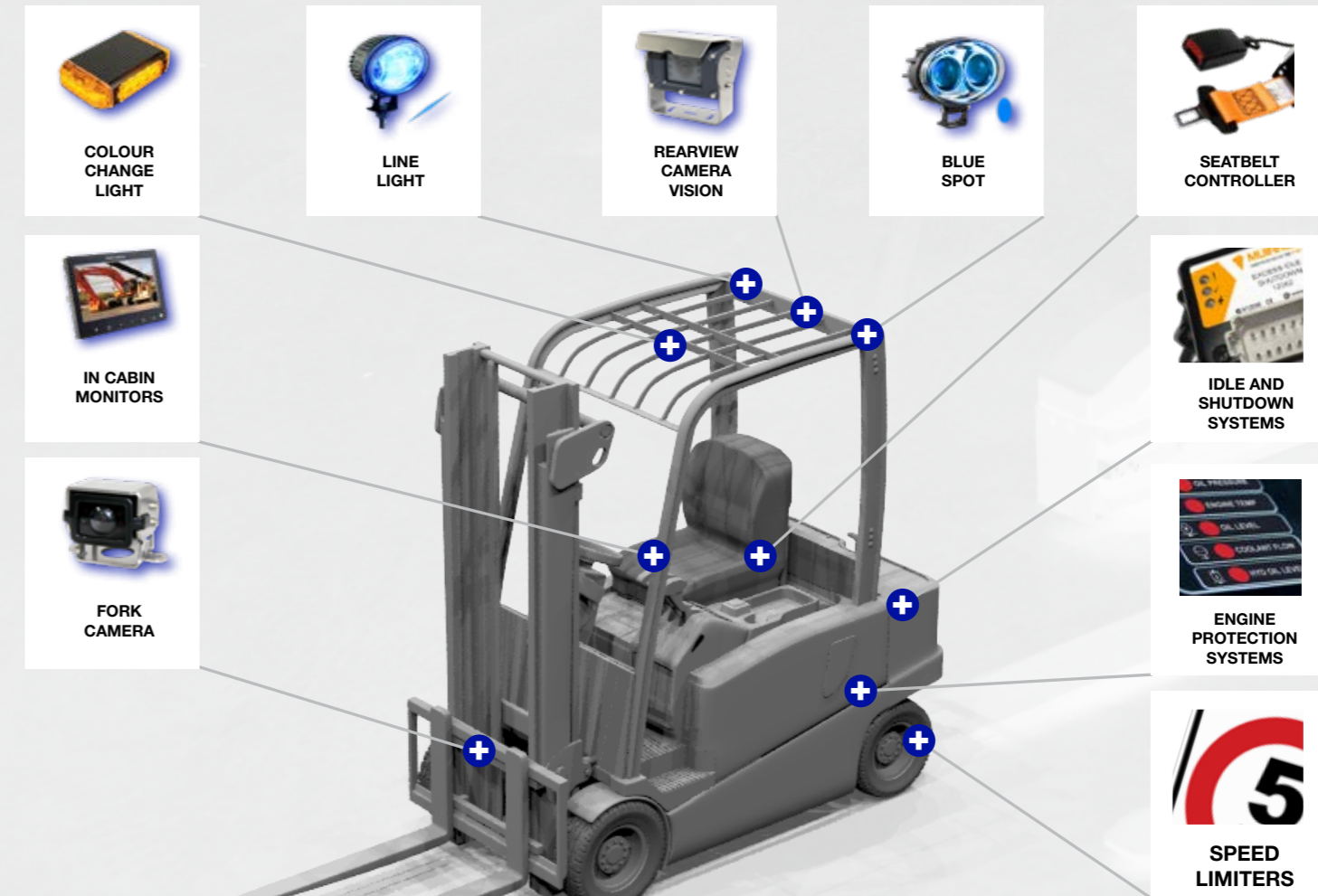
GLOBAL SUPPORT

RCT SUPPORTS CUSTOMERS IN
OVER 68 COUNTRIES WORLDWIDE.

RCT is a full service company offering the complete safety and productivity package of skills training, parts supply, technical support and customer service support with all its proprietary products.

RCT has a worldwide distributor and service agent network to supply parts, install, and service its products.

TECHNICAL SPECIFICATIONS – SYSTEM OVERVIEW

SYSTEM OVERVIEW

Web Portal Requirements - Internet Access:	An internet connection is required
Web Portal Requirements - Browser Version:	We recommend Chome, 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 - e.g. 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:	Length: 142mm (5.6") | Width: 98mm (3.85") | Height: 49mm (1.9")
Weight:	430g (0.95lbs)
Operating Temperature Range:	–20°C (-4°F) to 60°C (140°F)
Connection Types:	Industrial M12 / 5Pin
IP Rating:	IP65

CONTROL UNIT

Dimensions:	Length: 135mm (5.3") | Width: 115mm (4.5") | Height: 35mm (1.4")
Weight:	300g (0.66lbs)
IP Rating:	IP65
Mounting:	Attachment via two 7mm mounting holes
Input Voltage:	Operating 12–80V
	Maximum 100V
Standby Current Draw:	0.5mA
Operating Current Draw:	6A Max
Operating Temperature Range:	–20°C (-4°F)
Connection Types:	AMP Superseal 1.0mm
	Deutsch DT and DTM
Number of Inputs:	8 Digital / Frequency / Analogue
Number of Outputs:	8 Digital outputs 12V @ 400mA)
Circuit Protection:	Short circuit and over-current protected

SMARTRACK®
global

Discover more:

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