



<u>oadConnect Dashboard manua</u> v1.00 Part No: SU6686

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# **Before Use**

#### **Overview**

The functions of the optional LoadConnect cloud based software are as follows:

- To act in a similar capacity to a hand held display.
- To view load cell readings.
- To chart, log and report load cell data readings.
- To produce and display a visualisation and productivity of the working set-up.
- To produce daily/monthly/quarterly reports.

#### Prerequisites

To use the LoadConnect Website , you will require an activation code, LoadConnect BaseStation and at least one Crosby Straightpoint wireless TS loadcell. For the initial setup SW-D USB dongle and Loadconnect Toolkit software is required.

#### **Computer system requirements**

- Windows® 10 or Windows® 11 (must have English language option selected)
- Internet connection

#### Installation

To start, either:

Scan the QR code found on the card that accompanies the LoadConnect BaseStation to access the cloud based website.

or

Type in the web address into your web browser's address bar (works best with Edge) to access directly on your PC. <u>www.straightpoint.com/loadconnect</u>

## What is LoadConnect?

LoadConnect is a cloud-based online system used to monitor the status of the load cell connected to a LoadConnect BaseStation unit. Using the LoadConnect website, the user can view data related to their load cell, they can check the product utilisation, control productivity, track the device location and export historical readings and reports.

#### **Getting started**

To use the LoadConnect website the user will have to create an account using their email.

#### **Creating an account**

If the Loadconnect is purchased with optional cloud data service, the user will receive an email with an activation code.

#### LoadConnect Activation Code



loadconnect@straightpoint.com

Hello User,

We have received a request to set up your LoadConnect account.

Please follow this link to create your account: here

Your Activation Code is TKT9WJTO15

Didn't request an account? Please ignore this mail.

Thank you LoadConnect Support Team



Click on the link and enter required user information to create an account.

## Creating an account (contd.)

If the user has an activation code, they should go to the LoadConnect website and click on create new user.

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Password:			8
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Enter the activation code received from LoadConnect via email, or contact the distributor to obtain one. Enter other required details and create your user account by clicking the 'Create new user' button.

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Once the account has been created, log in to the dashboard by entering the email ID and password.

#### Dashboard

This page provides an overview of the whole system that has been deployed



#### **Asset overview**

This table shows the BaseStation serial number and the load cells connected to that BaseStation. There are tabs available to filter those load cells that are inactive or has generated an alarm.

Asset	Serial Number	Location	Status
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RUP-100x	\$12233	Streightpoint	Active
RLP-100rd	223344	Straightplaint	Adve
RLP-100H	23+495	Straightpoint	Adam .
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#### **Unit location**

This shows the BaseStation location on a map. Use the drop down to select individual BaseStation to see other locations and related information.



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#### Fleet utilisation

The user can select a pie chart/bar graph that helps to quickly identify how many load cells are currently active and how many are on standby/off.



#### **Fleet productivity**

This shows a line graph of the load cell readings for the last hour, and also includes tabs to view the data for the last day or week.

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Note: Fleet utilisation and fleet productivity can change based on the unit location drop down selection.

#### **Assets: Overview**

This page shows all the BaseStations and the load cells connected to them

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Devices are easily identified as either a load cell or a BaseStation, with the help of the images shown in each tile. There are filters available at the top to filter out required devices.

Each tile provides information about that device, for example, the BaseStation tile below will show the following information.

 Alias – if it has been set.

 Serial number - if it has been set.

 Model – if it has been set.

 Location coordinates.

 Temperature of the BaseStation.

 Phone number of the SIM card used in the BaseStation and if it has been entered during set up.

 Signal strength in decibels (dBm); less than -60dBm indicates excellent signal strength.

 Status of the BaseStation – active or on standby

 Last updated date and time.

The Edit button provided can be used to add an Alias for a BaseStation:

Max	
UPDATE	GANCEL

Similarly, the load cell tile below will have following information.

Shows the BaseStation the load cell has been connected to. Alias, if it has been set up. If not, it will be blank. Serial number of the load cell. Model of the load cell. Status of the load cell. Last updated date and time. Threshold set for that load cell. This is the value in 'tonne' above which is considered as a 'lift'. The edit button on the load cell tile can be used to add or change the threshold and alias. Also using the edit button, the load cell can be set to 'deactivated', implying it will not be considered for any logs/reports.

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## **Assets: Load Cells Live**

This is the page where the live readings from the load cells are displayed



The page will update according to the connected load cell status. The following graphics show the different warning symbols which may appear on each display tile, along with a brief explanation as to what each one refers to.

	Warning			Low battery warning
	Calibration due warning		.11	Low signal from load cell
0	Load cell overload above 110%			No signal from load cell
	Load cell transitory overload		!	Asset error
$\bigotimes$	Power out		I	Unit intrusion
Model RLP- SN: 112233	100te		Model: HLF7/571 SN 35426	D 🐽
	23.693 te		Δ	U To
Base Station in	fo . View I	History	Base Station Info	View History

Each display tile has the model and serial number, along with the last received load value and a trend arrow, showing if the current value has gone above or below the last received value - if there is no change in the last received load value from the previous value.

#### **Assets: Load Cells Live (contd.)**

Click on the 'Base Station Info' and 'View History' will give the below details.

There is a date range and export feature available in the view history page to see and export the BaseStation and its connected loadcell history in a particular period.

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#### **Tools: Alarms**

This displays all the alarms recorded for each BaseStation between a date range with an option to export the data

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### **Tools: Productivity**

This provides an insight on the amount of usage each load cells are subjected to



The Productivity tab shows the line graph of load against time of all connected load cells on the selected BaseStation. There is an option to uncheck the load cells from the graph if required.

The Lift tab shows the number of times a load cell has been used. With the threshold set to each load cell, the user can define when it should count the usage as one lift. The graph is plotted as the number of lifts against time. This can be changed to a day or a week.



#### **Tools: Utilisation**

Utilisation provides a quick glance as to which load cells are currently active





#### **Tools: Reports**

The user can receive email reports on various events selected from this page

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The user will have to enter the required email address(s) to which the reports should be sent, and then select the required event that want to be notified of. Each address will need to be separated with a semi-colon.

An drop-down menu to change the report frequency is provided with an option to select daily, weekly, monthly or quarterly.

All reports are sent at 00:00hrs UK time (GMT). Any changes made before may not reflect until the next day.

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## **Report Events**

Greater than limit (alarm)	-	A report will be generated if the load value goes above the user settable value.	
Less than limit (alarm)	-	When the load value drops below the set value.	
Asset Error	-	Any load cell error message is logged when this option is active.	
Asset Low battery	-	Load cell low battery is recorded and reported.	
Report at interval	-	All the load cell readings between the selected period will be recorded and sent as a .csv file. Note: This will be a separate .csv file and not included in the .pdf report.	
High Temperature		Logs if the BaseStation temperature goes above this value. Temperature unit selection available.	
Low Temperature		Logs if the BaseStation temperature is below this value.	
Temperature unit		This is available as an option.	
Unit intrusion	-	Reports if the BaseStation enclosure is opened.	
Overload alert	-	Reports when load cells are subjected to overloading above 110 %, this error is latched and will be shown in every subsequent report. (Load cell overload reset can only be done from the manufacturer premises or via distributors).	
Transitory overload alert	-	Reports when load cells are subjected to overloading above 101 $\%.$	
Calibration due alert	-	Reports when a load cell calibration expires. (Contact the manufacturer for load cell recalibration).	
No RF Signal error	-	When a load cell communication is lost with the BaseStation. (Please check the load cell battery or make sure that the load cell is in line of sight with the BaseStation unit).	
Power out alert	-	Reports when the BaseStation power supply is interrupted and has started using the backup battery.	

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Temperature	26.8.0
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## Admin: My account

The user is able to change the password through this screen

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xxxxxx@xxxxx	com
Partners .	10) 10)
	4043

## Admin: Add User (Editor only)

If the user account has editing privileges, then this option will appear (highlighted in green below). The user can then add another user to the same company via 'create new user' tab, under Admin.

Procedure:

- Select 'Create New User' tab under Admin.
- Select the company from the drop down menu under admin settings registration details.
- Under 'Create User', select 'New User' and fill the name and the email ID.
- The details entered will then automatically fill in the name and email slot under Admin Settings send your activation code within the registration link.
- Click send this will send an email to the new user, with all the required details, including an activation code to create an account.

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## Admin: Add User (Editor only)

The user will receive an email like the one below, along with an active link:



Once the user has clicked on the active link within the email, a webpage opening screen will appear, as above; the user can then create the account by filling in the details.

# Admin: Add User (Editor only) v1.00 Part No: SU6686 14

## Admin: Add User (Editor only)

Great news! you have now successfully registered on the LoadConnect Portal.

Click the button below to go to your home page.

#### Go to home page



The user will see a pop-up message, as above, once the registration is successful.

## Help & Support

Manuals section



This section provides access to various user manuals compatible to BaseStation.

#### Contact & Help

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The user has the option to contact the technical team if they have any issues or questions.

**Note:** The webpage will automatically sign out if there is no user interaction after a certain period of time.

**Distributor Stamp** 



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