



PLEASE NOTE THAT CROSBY/STRAIGHTPOINT ACCEPT NO RESPONSIBILITY FOR ANY ERRORS OR OMISSIONS WITHIN THIS MANUAL.

Before Use	1
<i>Overview</i>	1
<i>Prerequisites</i>	1
<i>Computer system requirements</i>	1
<i>Installation</i>	1
What is LoadConnect?	1
Getting Started	2
Creating an account	2-3
Dashboard	4-5
<i>Asset overview</i>	4
<i>Unit location</i>	4
<i>Fleet utilisation</i>	5
<i>Fleet productivity</i>	5
Assets: Overview	6
Assets: Load Cells Live	7-8
Tools: Alarms	9
Tools: Productivity	9
Tools: Utilisation	10
Tools: Reports	10
<i>Report events</i>	11
Admin: My account	12
Admin: Add User (Editor only)	12-14
Help and Support	15
<i>Manuals section</i>	15
<i>Contact & Help</i>	15

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. www.straightpoint.com/loadconnect

What is LoadConnect?

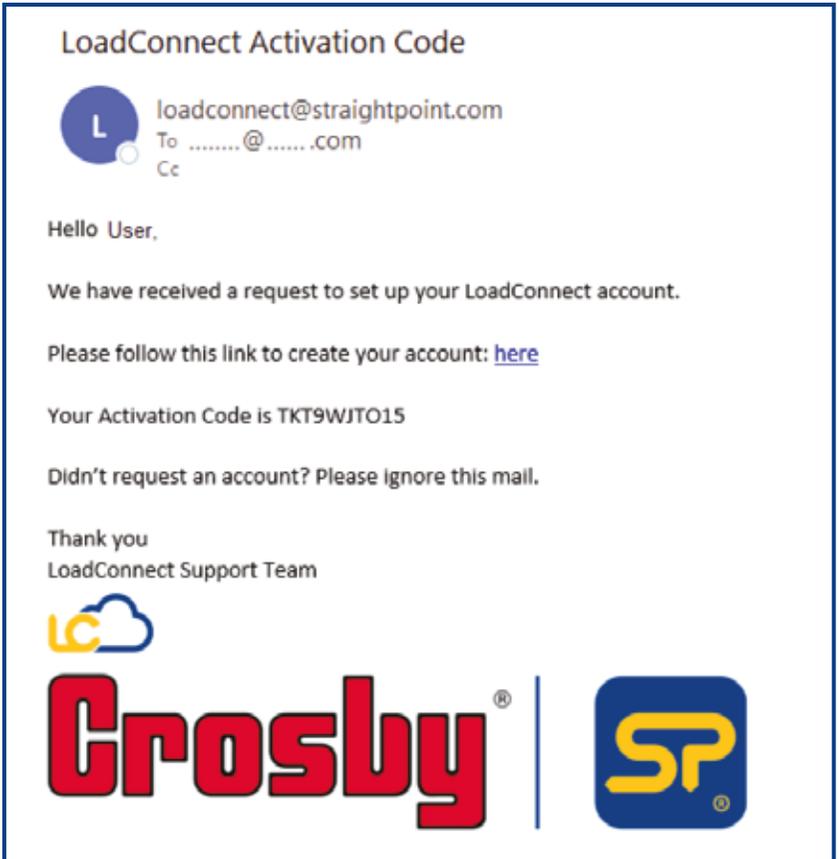
LoadConnect is a cloud-based online system used to monitor the status of the load cell connected to a LoadConnect BaseStation unit. Using the LoadConnect website, the user can view data related to their load cell, they can check the product utilisation, control productivity, track the device location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



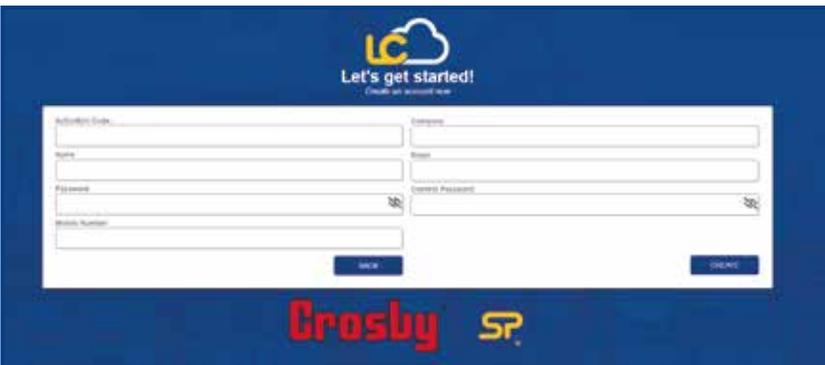
Click on the link and enter required user information to create an account.

Creating an account (contd.)

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



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.



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



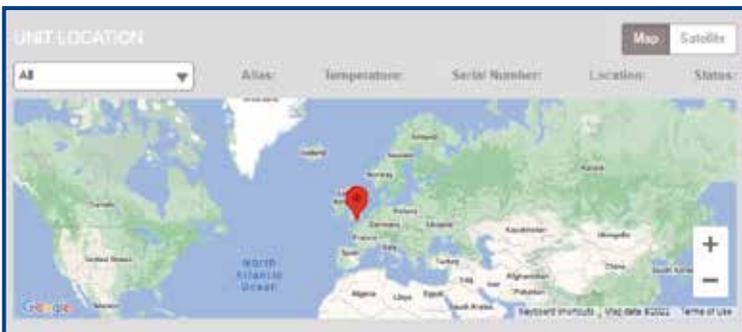
Asset overview

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 OVERVIEW			
Asset	Serial Number	Location	Status
BaseStation: 401235			
RLP-1000e	112233	Stragipoint	Active
RLP-1000e	222344	Stragipoint	Active
RLP-1000e	334455	Stragipoint	Active
RLP-1000e	445566	Stragipoint	Off
	26066	Stragipoint	Off
RLP2.5Tf	25426	Stragipoint	Active
SP-DEV	461235	Stragipoint	Active
BaseStation: 401242			
	888777	SPAC	Off
SIMRANO	332333	SPAC	Active
Load Cell	461342	SPAC	Active

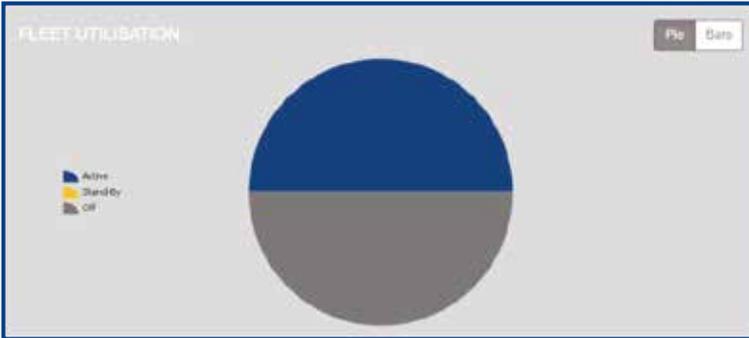
Unit location

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



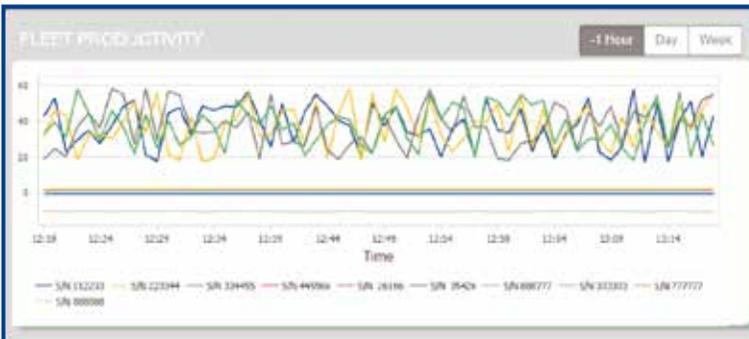
Fleet utilisation

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

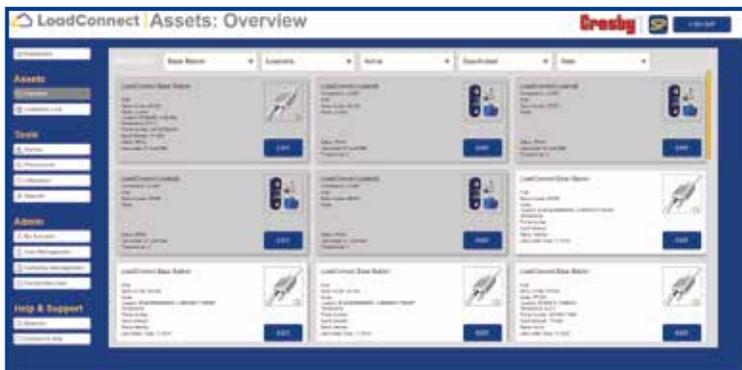
This shows a line graph of the load cell readings for the last hour, and also includes tabs to view the data for the last day or week.



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



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:



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.



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



Low signal from load cell



Load cell overload above 110%



No signal from load cell



Load cell transitory overload



Asset error



Power out



Unit intrusion



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.

LoadConnect Base Station

SN 401235
SN-DEV 401235
Location 20 944916, -1083234
Temperature 30.9 C
Status Active
Last Update Today 14:42:51

[View History](#)

Date Range: June 9, 2023 - June 15, 2023

THROCKEN 010-CBT +01:00
All data shown is instantaneous local time

BaseStation SN	LoadCell SN	Date	Time	Value	Overload	TransitoryOverload	No RP	LowBattery	LowSignal	CalibrationDue
401235	220584	16-06-2023	14:41:00	21480	No	No	No	No	No	No
401235	220584	16-06-2023	14:40:00	41880	No	No	No	No	No	No
401235	220584	16-06-2023	14:39:00	40984	No	No	No	No	No	No
401235	220584	16-06-2023	14:38:00	21479	No	No	No	No	No	No
401235	220584	16-06-2023	14:37:00	72840	No	No	No	No	No	No
401235	220584	16-06-2023	14:36:00	10922	No	No	No	No	No	No
401235	220584	16-06-2023	14:35:00	20900	No	No	No	No	No	No
401235	220584	16-06-2023	14:34:00	32220	No	No	No	No	No	No
401235	220584	16-06-2023	14:33:00	38920	No	No	No	No	No	No
401235	220584	16-06-2023	14:32:00	20700	No	No	No	No	No	No
401235	220584	16-06-2023	14:31:00	32380	No	No	No	No	No	No
401235	220584	16-06-2023	14:30:00	42880	No	No	No	No	No	No
401235	220584	16-06-2023	14:29:00	41444	No	No	No	No	No	No
401235	220584	16-06-2023	14:28:00	37488	No	No	No	No	No	No
401235	220584	16-06-2023	14:27:00	25171	No	No	No	No	No	No
401235	220584	16-06-2023	14:26:00	38191	No	No	No	No	No	No
401235	220584	16-06-2023	14:25:00	23885	No	No	No	No	No	No
401235	220584	16-06-2023	14:24:00	3117	No	No	No	No	No	No
401235	220584	16-06-2023	14:23:00	32218	No	No	No	No	No	No

Page 1 of 100 (100 rows) | 800 | 2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12

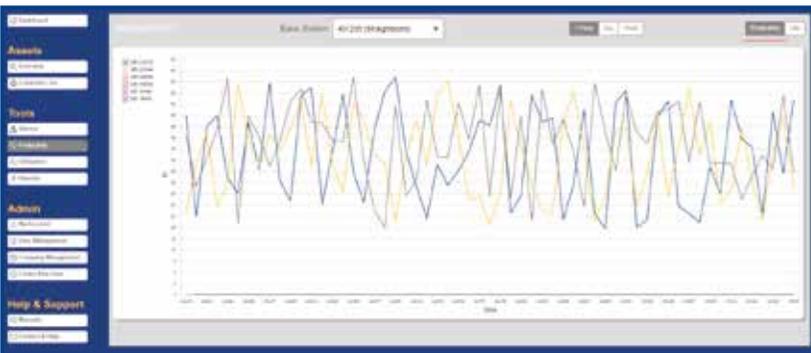
Tools: Alarms

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

BaseStation ID	LoadCell ID	Date	#	Rate	Signal	Overcast	TemporaryOvercast	No RF	LowBattery	LowSignal	CalibrationDue
401205	20190	15-06-2022	14	40.00	0.76	No	No	Yes	Yes	Yes	No
401205	20190	15-06-2022	14	40.00	0.76	No	No	Yes	Yes	Yes	No
401205	20190	15-06-2022	14	44.00	0.76	No	No	Yes	Yes	Yes	No
401205	20190	15-06-2022	14	42.00	0.76	No	No	Yes	Yes	Yes	No
401205	20190	15-06-2022	14	42.00	0.76	No	No	Yes	Yes	Yes	No
401205	20190	15-06-2022	14	41.00	0.76	No	No	Yes	Yes	Yes	No
401205	20190	15-06-2022	14	39.00	0.76	No	No	Yes	Yes	Yes	No
401205	20190	15-06-2022	14	39.00	0.76	No	No	Yes	Yes	Yes	No
401205	20190	15-06-2022	14	37.00	0.76	No	No	Yes	Yes	Yes	No
401205	20190	15-06-2022	14	36.00	0.76	No	No	Yes	Yes	Yes	No
401205	20190	15-06-2022	14	35.00	0.76	No	No	Yes	Yes	Yes	No
401205	20190	15-06-2022	14	34.00	0.76	No	No	Yes	Yes	Yes	No
401205	20190	15-06-2022	14	33.00	0.76	No	No	Yes	Yes	Yes	No
401205	20190	15-06-2022	14	32.00	0.76	No	No	Yes	Yes	Yes	No

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

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.

A 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.

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.



Admin: My account

The user is able to change the password through this screen



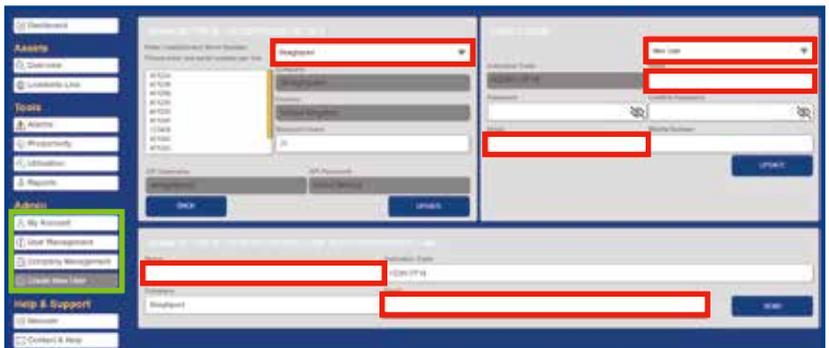
A screenshot of a web form for changing a password. It features three input fields: the first for the current password (containing 'xxxxxx'), the second for the new password (containing 'yyyyyy'), and the third for the email address (containing 'xxxxxx@xxxx.com'). A 'SEND' button is located at the bottom right of the form.

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:

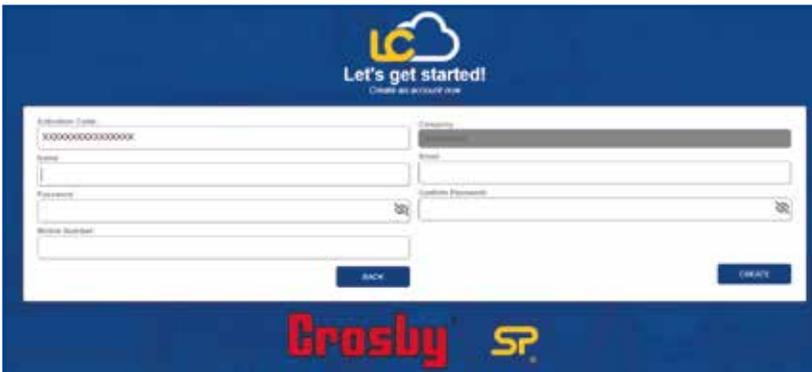
- Select 'Create New User' tab under Admin.
- Select the company from the drop down menu under admin settings – registration details.
- Under 'Create User', select 'New User' and fill the name and the email ID.
- The details entered will then automatically fill in the name and email slot under Admin 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.



A screenshot of the Admin interface. The left sidebar shows the 'Admin' menu with 'Create New User' highlighted in green. The main content area shows the 'Add User' form. Red boxes highlight the 'Registered' dropdown menu, the 'New User' dropdown menu, and the 'SEND' button. The form also includes fields for name and email address.

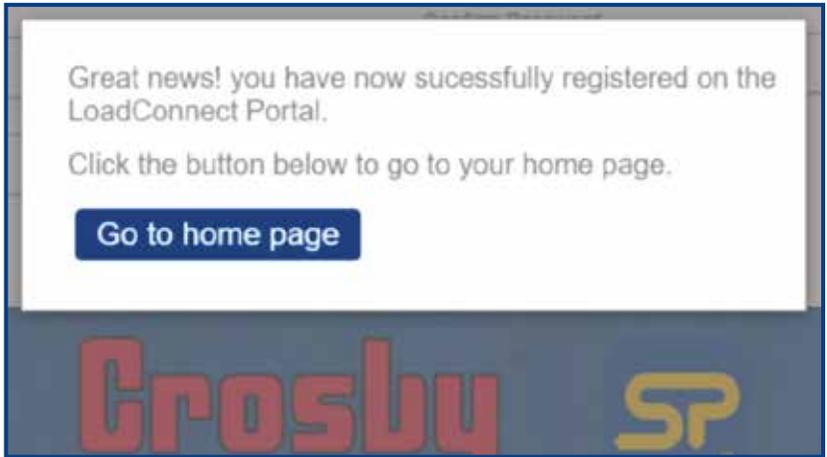
Admin: Add User (Editor only)

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)



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

A contact form for technical support. The form includes fields for Name, Email, Subject, and Message. The email field is pre-filled with 'mailto:helpdesk@drakly.com'. Below the form is a 'SEND' button. To the right of the form, there is contact information for Drekly, including the address: '6, Eastern Business Park, 14 Drekly Way, Lough Park, Drogheda, Co. Dublin, Ireland'. The telephone number is '01 276 2000' and the fax number is '01 276 2001'. The website is 'www.drakly.com'. Below the contact information are several certification logos including ISO 9001, ISO 14001, NEN, IEC, CE, and FC.

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



Crosby Straightpoint

123 Proxima Park, Houghton Avenue, Waterlooville, Hampshire, PO9 3DU, UK · Tel: +44 (0)2392 484491
2801 Dawson Road, Tulsa, OK 74110 · USA · Tel: +1 (918) 834-4611