

Fridge Monitoring Starter Kit Quick Start-up Guide

VERSION 8.1



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Welcome

Welcome to Spark IoT Bridge

As your first step, please activate your account, login to IoT Bridge and check that it has your correct contact details. See instructions below for each step. The account type you have been given is one of the following:

Account owner

If you are the first user on your company's IoT Bridge account, you have been given Super Admin rights in IoT Bridge. As a Super Admin you have the full Admin rights to your company's account. Note your Super Admin account is not removable or editable by any other IoT Bridge users from your Company, including Administrators. Once you have logged in and checked your account details, you should set up additional user accounts for your company's IoT Bridge. See instructions below. You can also begin setting up Devices once they have been couriered to you.

Admin

As an admin you have full access to all IoT Bridge features. This is the only role besides Super Admin that has access to user management, including assigning user roles and group memberships.

Contributor

As a contributor you have access to device configuration, and the management of alerts and reports, and management of other user accounts.

Viewer

You can receive reports and alerts, as well as respond to alerts that require action on your behalf. Check the Notification Management section of My Account to see which Alerts you're subscribed to.

Subscriber

You can receive reports and also you can receive and respond to current alerts.

Next Step

Please familiarise yourself with IoT Bridge functions that are described below. Don't be afraid to experiment and try various functions.

Activate and login into your account

1.

Check your email for an activation link you would've received from <u>admin@iot.spark.co.nz.</u>

Check your Spam/Junk folder if you cannot find it in your Inbox.

Sparke IoT Bridge

Welcome.

As part of your organisation's adoption of a Spark IoT Monitoring solution, you have been identified as someone who needs user access to IoT Bridge. IoT Bridge is the central dashboard where you can get the timely data you need from the IoT connected devices.

To activate your account please click here and follow the instructions.

To learn more about Spark IoT Bridge please read the <u>Quick Start Guide</u>, or visit our <u>Help & Support Centre</u>.

If you are unsure that you should be receiving this email, please contact your manager or your organisation's IT team.

Thanks,

The Spark IoT Bridge team.

2.

Once you click the **activation link**, you will be asked to create a new password.

Lost the activation email? Go to <u>www.iotbridge.nz/app</u> click on "Forgot your password?

3.

Review and accept the Spark Privacy Policy and click **Next** to complete account activation.



Add users



Dashboard

The IoT Bridge Dashboard is best viewed on a desktop PC, laptop, or a tablet.



3.

Select the widget you want to add and drag and drop to the dashboard.



4.

For "Measure" widget you can select 1 measure and up to 8 devices. Click **Select Devices**



5.

Select a "Measure" and select the devices. Click **Confirm**



6.

Repeat if you want to add more widgets.



To change the Dashboard name click "First Dashboard"



8. Type the Dashboard name click the tick to confirm.



All Done.

Create rules & alerts Efento devices

Efento devices optimize the battery lifetime by limiting the number of transmissions. By default, the devices will log a reading every 5 minutes, and upload all those readings every 3 hours. You can configure the device Edge Rule to trigger immediate **real time alerts** if certain conditions are met.

🔆 loT Bridge	Alerts	
	Create and manage alerts for specific IoT devices and assign them to existing users.	
Devices	Search alerts by name and device	٩
Groups	Greate alert	
Reports	Offline device alerts	>
Accounts	Response demo 1 OSABLED • A INVAN - DUBLE HERVENDON • MIR-16.0-MIR2 • MIR-16.C - MAR2 20C • MIR2-16.C - MIR2	>
	RR Drinks Fridge above 20C (DEABUED)	>
ABHISHEK RATTAN	Inform Only - Test account at most most stress most iiii mitre do: - MAAC 2000 iiii mitre do: - MAAC 2000	>
My Account	Test HBDHB Dialysis DISABLED	>
Logout	() MIN: 2C - MAX: 8C	

Click **Create alert** and assign the Efento device for your alert by typing the device name in the ASSIGN TO DEVICE field. A list of your devices will appear to help you find the right one.

Log in to IoT Bridge and click Alerts

in the menu on the left

You have to set up rules first before creating an alert, therefore click **Please add Device Rules before setting up an alert.** Rules can be used for triggering alerts. You can set up to 12 rules

3.

2.

Click the + sign next to Rule 1

loT Bridge	<	
	Create Alert	
Dashboard	Create an Alert for specific IoT devices and assign them to existing us	iers.
Devices	ASSIGN TO DEVICE	
Groups	Efento Temp Probe	
aloups	DEVICE RULES	
Alerts	This device uses Rules set on the device to define alert conditions. You must setup Device Rules before creating an Alert.	
Reports		
Users	Please add Device Rules before setting up an alert	>
	STATUS	
	Enabled Disabled	
	SCHEDULE	
	ALWAYS ACTIVE	
	ALERT NAME	
Profile	RECIPIENTS	
Account Settings		
Help 🛙		
Logout		

🛠 loT Bridge	K
ipart-	Device Configuration
Dashboard	Efento Temp Probe
Devices	Device Rules
Groups	Device Rules set when the device should communicate immediately when a condition is met. You can then create an Alert based on a Device Rule to be notified via SMS or Email.
Alerts	
Reports	Rule 1 1 0 +
Users	© Rule 2 (• 0
	C Rule 3 💼 0
	C Rule 4 (1 0
	C Rule 5 🔹 0
Profile	0.000
Account Settings	
Help 🖄	0 Bula 7 (0 0)
Logout	

Select the measure you want to create the rule from the drop down.

		Х
Update Device Rule		
MEASURE		
Temperature	~	

Select the condition between "Is Above" and "Is Below"

Is Above - if a measurement taken by the device is higher than the threshold value, the device will trigger an immediate transmission.

Is Below - if a measurement taken by the device is lower than the threshold value, the device will trigger an immediate transmission.

	>	×
Update Device Rule		
MEASURE		
Temperature	~	
CONDITION		
is above	~	

6.

Select the sample type.

For last reading: If the last reading the device takes meets the condition, trigger transmission.

Average for the last number of readings: If the average reading over the selected number of readings taken by the device meets the selected condition, trigger an immediate transmission.

Click Save Rule

Update Device Rule	
MEASURE	
Temperature	~
CONDITION	
is above	~
THRESHOLD (°C)	
-10.5	
SAMPLE	
for last reading	^
for last reading	
average for last 2 readings	2
average for last 3 readings	
average for last 5 readings	

Pop-up will appear asking to either select create new alert or to select configure more rules. If you have completed adding more rules, click **Create new alert.**

8.

7.

You will be taken into the rule creation page.

Select a rule for this alert to be associated with.

Note: You can only select one rule to be associated with an alert

9.

By default, alert status has been selected to be Always Active. If you want the alert to be only active during certain date(s) and/or time, de select Always Active and select the days and time you want the alert to be active.

10.

Give your alert a name and select who will be receiving the alert and how (email or txt). Click **Next**.

Note: Only "Inform Only" alerts are available for Efento devices at this stage.

TYPE Inform only

STATUS Enabled

Help 12





Create a report



Log in to IoT Bridge and click **Reports** in the menu on the left

ridge	Reports Were reports generated from your devices.	
	Search by report name or device	Q
s.	Create report	
ts		
unts		
RATTAN		
n		

2.

Click **Create report** and select a device for your report. Start typing the device name in the ASSIGN DEVICE field. A list of your devices will appear to help you find the right one.

🛠 loT Bridge	 C 		
Just-	Create report		
Devices	Create report generated from your device		
	ASSIGN DEVICE		
Groups	Front Room drinks fridge		
Alerts	Atrium - outside Front Room		
Reports	Front Room drinks fridge Front Room - ambient	Export Data	
Accounts	Home air quality sensor		
	Temperature		
	Humidity		
	DATA AGGREGATION		
	None		
	REPORT RECURRENCE		
	On schedule	One-off	
ABHISHEK RATTAN			

3.

Choose the data type for the alert; and select if you want your data aggregated.

a.Use "None" to display all data points that have been collected during the specified period

b.Use "Hour" or "Day" to show the Minimum, Maximum and Average values for each hour or day within the specified period.

	Front Room drinks fridge		
F IOT Bridge	REPORT TYPE		
Devices	Summary	Export Data	
Groups	SENSOR MEASURE		
Alerts	O Temperature		
Reports	e Humidity		
	DATA AGGREGATION		
Accounts	Boor		_
	Hour Day	One-off	
	START DATE 09 Jun 2022, 17:18		Ē
	END DATE		
	16 Jun 2022, 17:18		Ê
ABHISHEK RATTAN	REPORT RECIPIENTS		
My Account			
Help [2]		Confirm	
Logout			

4.

To create a recurring report, select On schedule. To create a one-off report, select Ad hoc. Fill out report details as required.

🖡 loT Bridge	Hour	
	REPORT RECURRENCE	
Devices	On schedule One-off	
Groups		
AL - 2	REPORT NAME	
WIERD		
Reports	DATE MANUE Reports cover the calendar/day 24-hour period from midnight to midnight. You can choose the time the report is sent to recipients.	
Accounts	REPORT FREQUENCY	
	Daily	
	The daily report covers a 24-hour long neriod. The report is sent out the following day and repeats daily	
	Target delivery for 5:00pm - 6:00pm	
	Targed delivery for 500gm - 500gm 12:00gm - 100gm	
	RED-ON DEALWEAT 05 Target delivery for 12:00am - 1:00am REIPORT RECORDENTS 1.00am 2:00am	
	REPORT RECORPORT 1200m - 100m REPORT RECORPORT - 200m 100m - 200m 200m - 300m	
	RE-ORT BECHTERT 500pm - 6500pm - 120pm - 500pm - 120pm - 500pm - 120pm - 500pm - 200pm - 500pm - 200pm - 500pm - 200pm - 500pm - 200pm - 200	
	RL/OH Council 5.90pm - 6:00pm Target dollway/for 5.90pm - 6:00pm RL/OHT RECOTTINCTURINTS 1:00m - 2:00pm 2:00m - 2:00pm 2:00pm - 6:00pm 3:00pm - 6:00pm 2:00pm - 6:00pm 5:00pm - 6:00pm 2:00pm - 6:00pm	
ISURDEP SATAN	EU-Orio Courtedo 5/00pm - 65/0pm Target delivery for 1200am - 100lam 1200am - 500am 100am - 500am 200am - 500am 5107US 5/00pm - 600am 200am - 500am 500am - 600am	
ABHISHEK BATTAN	RL/OHI OLGANISH 580pm- 600pm Target delaway for 1200em - 100em 1200em - 100em REPORT RECORDERSTS 130em - 200em STATUS 500em - 600em STATUS 500em - 600em Embedder 600em - 700em	
NEHISHEK BATTAN My Account	REPORT RECORPLATE \$90pm - 600pm REPORT RECORPLATE 1200am - 100bm STATUS 200am - 300am STATUS 500am - 600am © Enabled 700am - 800am 000am - 300am 700am - 800am	
NEHISHEK BATTAN My Account:	REPORT Description \$800pm - 600pm Target delaway for second and second and second and second and second Exponent Second and second and second STATUS \$800pm - 600pm 400pm - 500pm 600pm - 700pm 800pm - 800pm Enabled \$00pm - 600pm 800pm - 800pm	
ABHISHEK RATTAN My Account Help Of	REPORT RECORDERS \$90pm - 600pm REPORT RECORDERS \$90pm - 600pm STATUS \$00m - 300om STATUS \$00m - 300om © Enabled \$00m - 300om 9:00m - 9:00om \$00om 0:00m - 100om \$00om	

5.

Add report recipients. Begin typing in the REPORT RECIPIENTS field to show the list of available users. All recipients need to have been setup as IoT Bridge users. You can add as many recipients are needed.

Review the report details and click **Confirm.**

Pridao	DEPORT DECIDENCE	
Bhage	On schedule One-off	
	REPORT NAME	
	DATE RANGE	
	Reports cover the calendar/day 24-hour period from midnight to midnight. You can choose the time the report is set	nt to recipients.
	REPORT FREQUENCY	
	Dety	~
	The daily report covers a 24-hour long period. The report is sent out the following day and repeats daily.	
	REPORT DELIVERY	×
	REPORT RECIPIENTS	
	Abhishek Rattan	
	STATUS	
TTAN	Enabled Disabled	
	Next	

All done.



