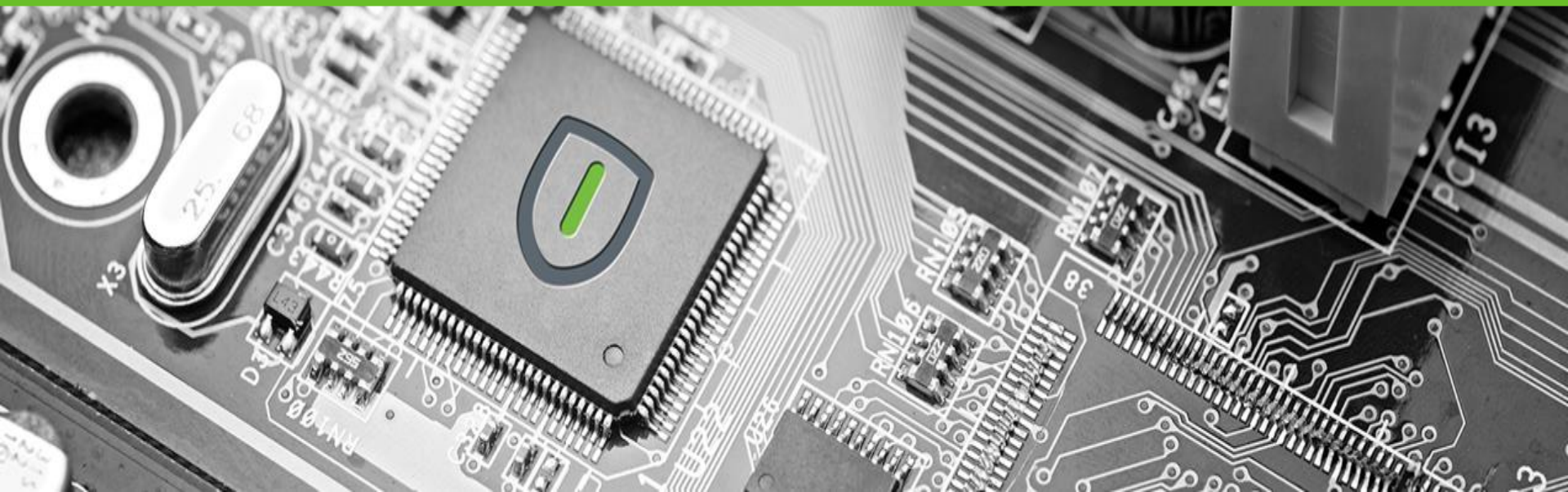




***Coming Summer
2018***

***Advanced Data
and Bluetooth***



Intelligent Electronics Management Platform

Point of Use Appliance

- Power Protection
- Data Collection



P2503



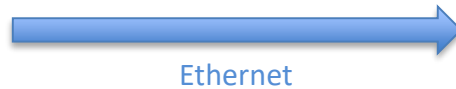
P2500
P2503



June 2018
P2510
P2513

Data Transfer

Built-in Ethernet Card



Smartphone Adapter Readers

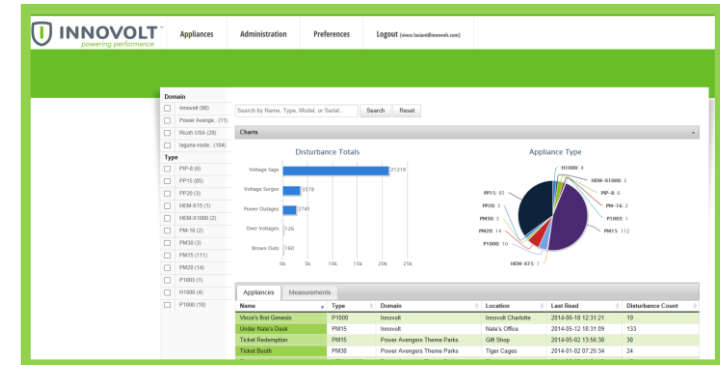


Smartphone Direct



IMC

- Fleet Management
- Data Analytics
- Remote Control



Advanced Data

Continuous Voltage level recording (P2503 Connected units)

The screenshot displays the Innovolt Management Cloud interface for unit 0044-JONATHAN. It includes a navigation bar with 'Appliances', 'Threat Level', 'Administration', 'Reports', and 'Logout'. The main content area shows 'Disturbance Charts' with a 'Disturbances over Time' line graph and a 'Disturbance Totals' bar chart. The bar chart shows: Voltage Sag (4038), Over Voltages (2425), Brown Out (2421), Power Outages (810), Voltage Surge (0), and Earth Voltage (0). Below this is a 'Voltage Range' area chart showing voltage fluctuations over time. At the bottom, a 'Read History' table provides detailed event data.

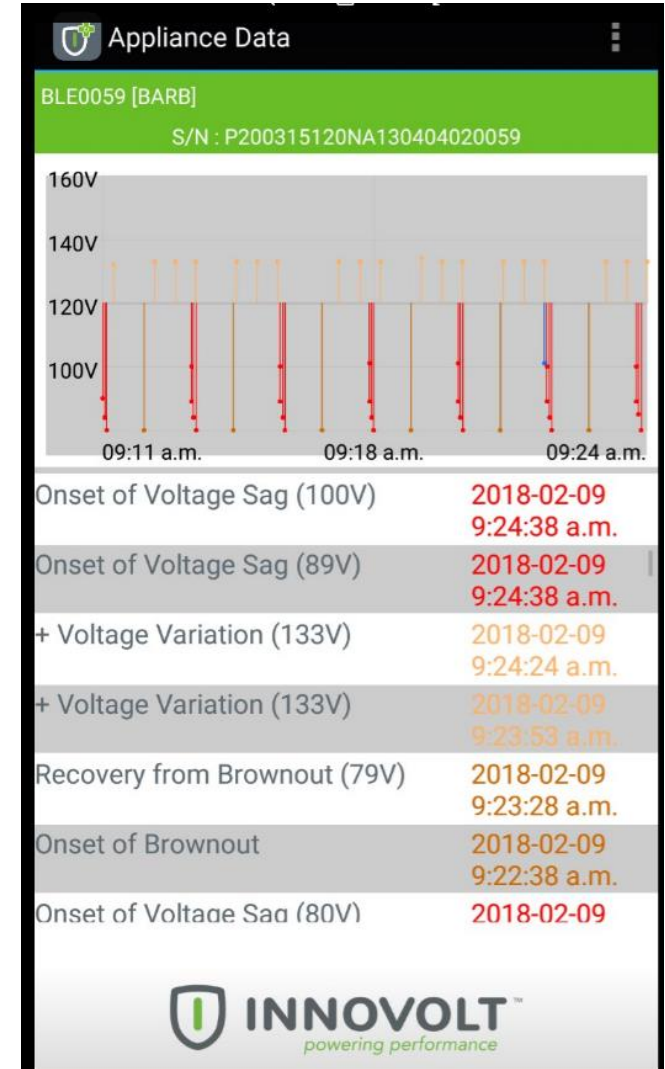
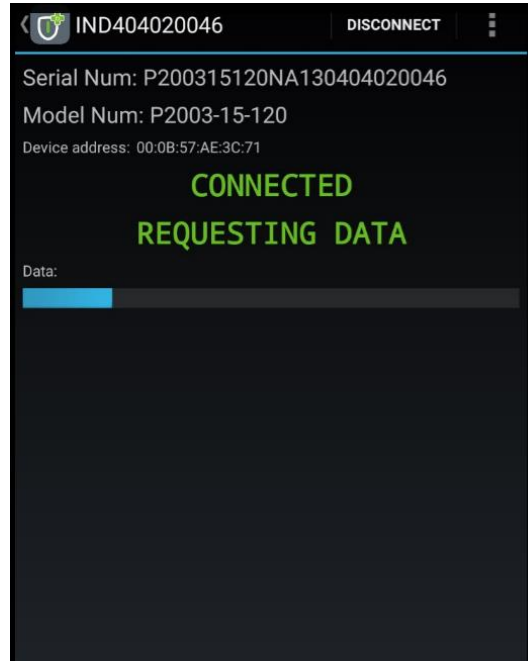
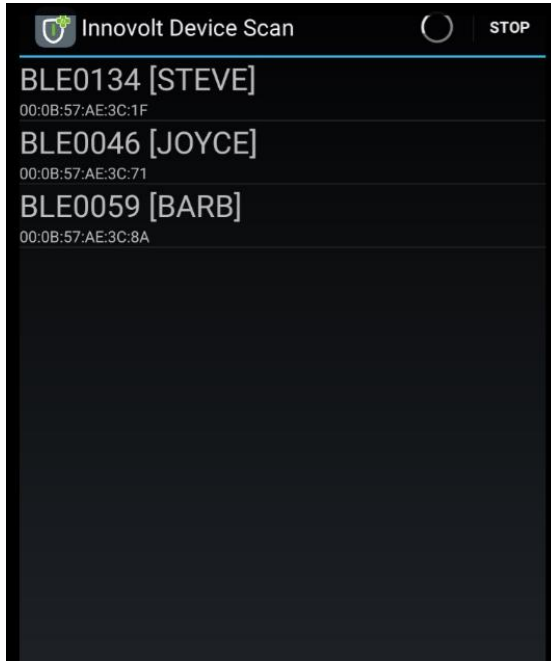
Read History	Events	Voltages	Control	Configuration	Connected Equipment	Appliance Details		
Read/Refresh Time	Voltage Sag	Voltage Surge	Brown Out	Power Outages	Over Voltages	Earth Voltage	Last Disturbance	Total Disturbance
2017-04-30 16:16:11 UTC	4038	0	2421	810	2425	0	Voltage Sag	9695
2017-04-30 16:16:01 UTC	4037	0	2421	810	2425	0	+ Voltage Variation	9694
2017-04-30 16:15:33 UTC	4037	0	2421	810	2425	0	Voltage Sag	9694

Event Voltage level reporting

Timestamp	Event Type	Data
2018-02-27 13:15:21 UTC	Onset of Appliance Power On	
2018-02-27 13:15:13 UTC	Onset of Appliance Power Off	
2018-02-21 13:07:55 UTC	Onset of Voltage Sag	99V
2018-02-12 18:15:12 UTC	Onset of Appliance Power On	
2018-02-12 18:10:59 UTC	Onset of Appliance Power Off	
2018-02-12 16:49:22 UTC	Onset of Voltage Sag	78V
2018-02-12 16:49:09 UTC	Onset of Voltage Sag	84V
2018-02-12 05:18:39 UTC	Onset of Voltage Sag	105V
2018-02-07 18:00:49 UTC	Onset of Voltage Sag	79V
2018-02-07 17:59:06 UTC	Recovery from Brownout	32V
2018-02-07 14:28:59 UTC	Onset of Voltage Sag	68V
2018-02-07 14:28:59 UTC	Onset of Brownout	

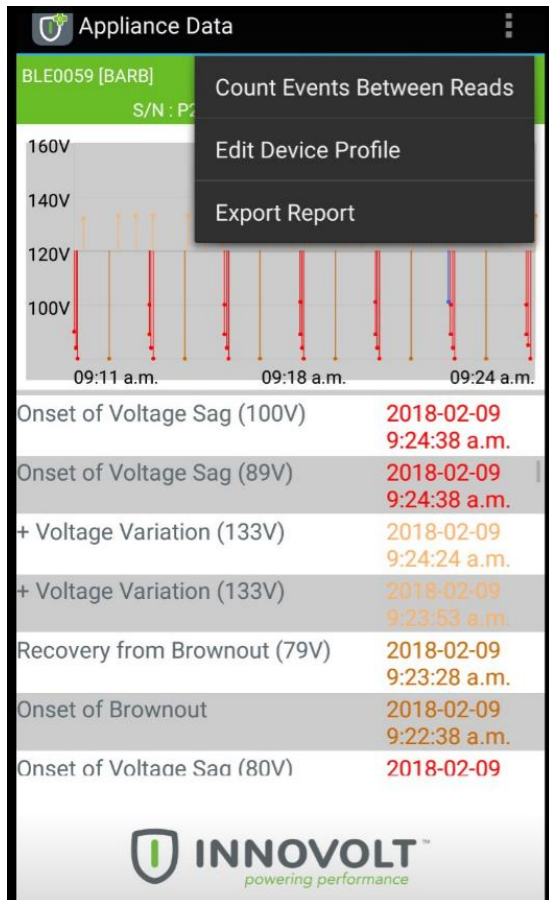


Wireless Read

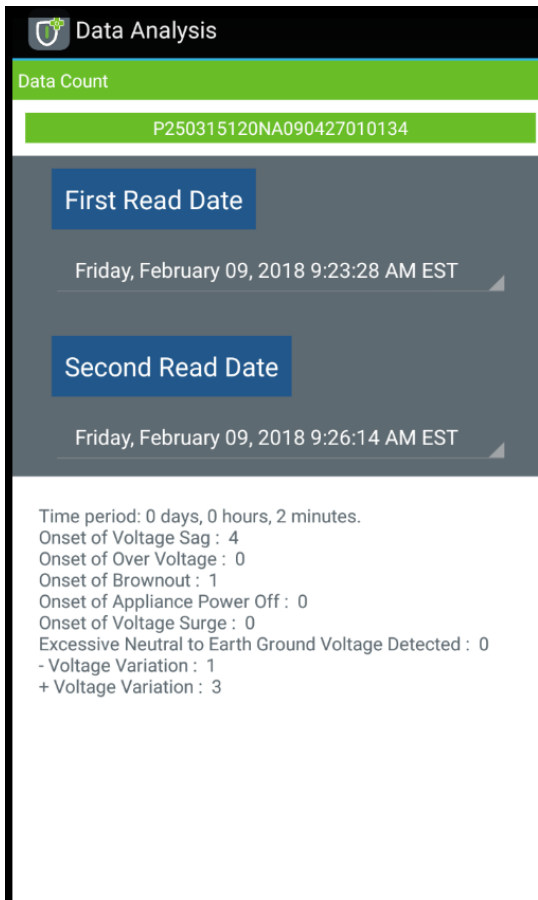


1. Select Wireless Read
2. App detects local Innovolt Appliances
3. Select Appliance to read
4. Data Transfers
5. Data displayed and stored.
6. Log in to upload to IMC.

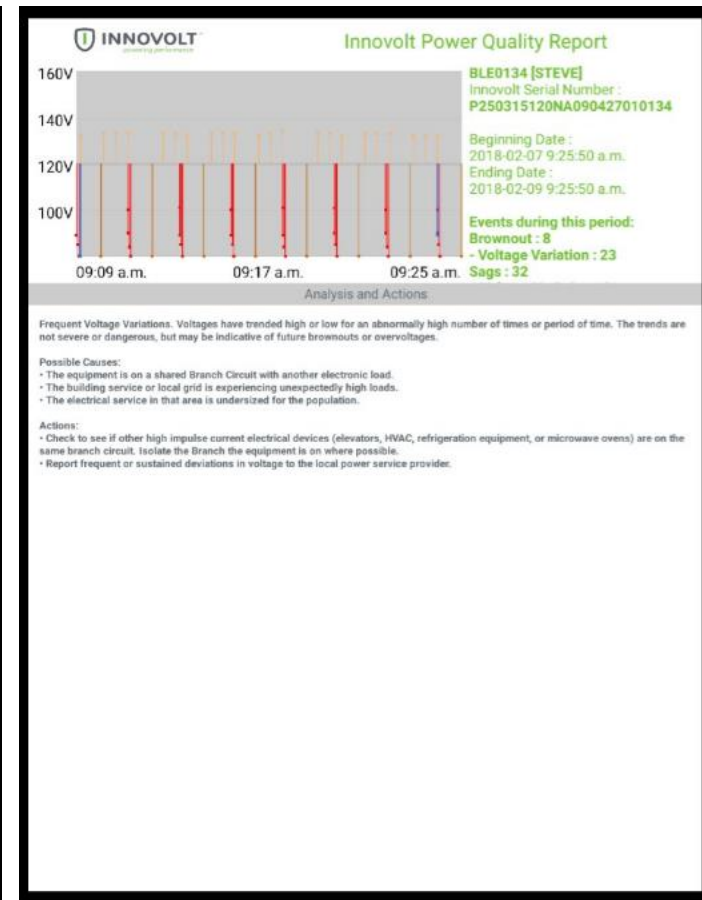
Innovolt PDSA App



Device Profile editing on Smartphone

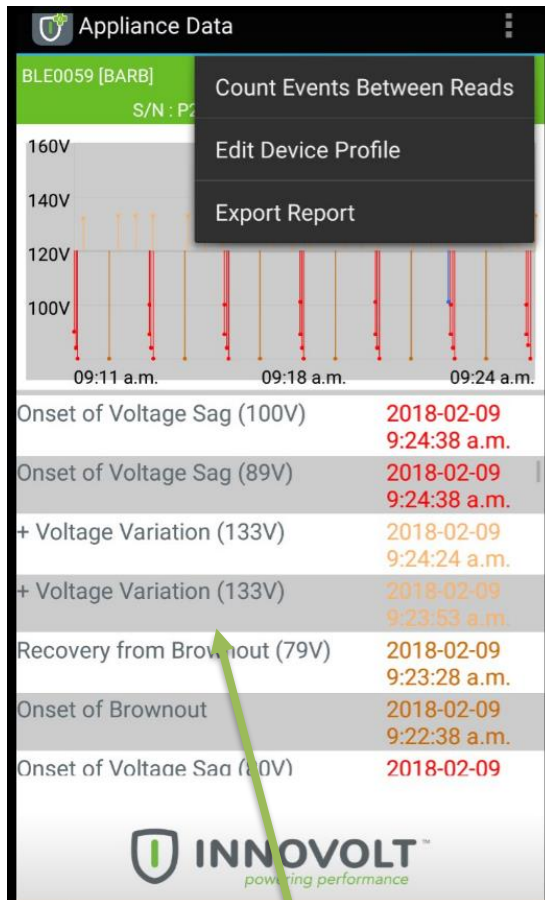


Calculate Event Counts between Reads



Smartphone Report Generation

Innovolt PDSA App



Additional events – minor voltage variation reporting

Innovolt Power Doctor

Version 5.1.1b

Welcome, please log in

Login

Wireless Read Optical Read

View Appliance Data

Pending Uploads:3 Force Upload

About/Support

INNOVOLT™
powering performance

Notification of data awaiting upload to IMC

Device History

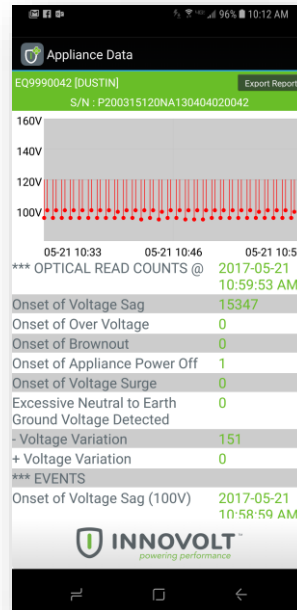
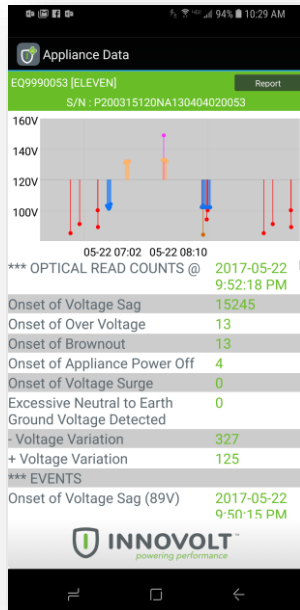
BLE0134 [STEVE] P250315120NA090427010134	Last Read: 2018-02-09 9:26:14 a.m.
BLE0046 [JOYCE] P200315120NA130404020046	Last Read: 2018-02-09 9:24:55 a.m.
BLE0059 [BARB] P200315120NA130404020059	Last Read: 2018-02-09 9:25:13 a.m.
BLE0044 [JONATHAN] P200315120NA130404020044	Last Read: 2018-02-09 10:24:35 a.m.
BLE0047 [WILL] P200315120NA130404020047	Last Read: 2018-02-09 10:24:58 a.m.
BLE0005 [LUCAS] P200315120NA130404020005	Last Read: 2018-02-09 10:25:16 a.m.

INNOVOLT™
powering performance

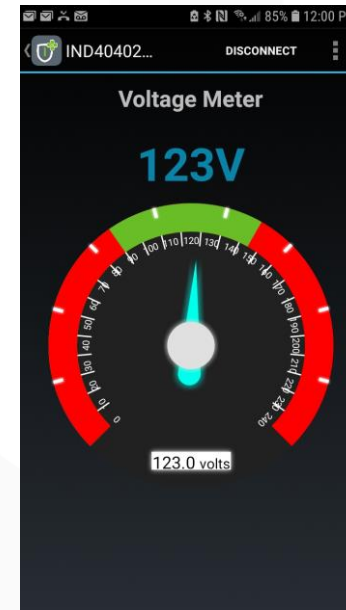
Long term local data storage on Smartphone

Power Doctor App

Appliance Data



Real Time Voltage Readings



*Bluetooth Only Feature Q3 2018



Innovolt Management Cloud



Innovolt Management Cloud

[Appliances](#) |
 [Threat Level](#) |
 [Administration](#) |
 [Reports](#) |
 electricrocket@gmail.com |
 [Logout](#)

Filter Results

Domain

- 1 East West - (10)
- 1 Innovolt D... (14)

Appliance Type

- P1000 (1)
- P2000 (4)
- P2003 (6)
- P2500 (2)
- P2503 (9)
- PM15 (2)

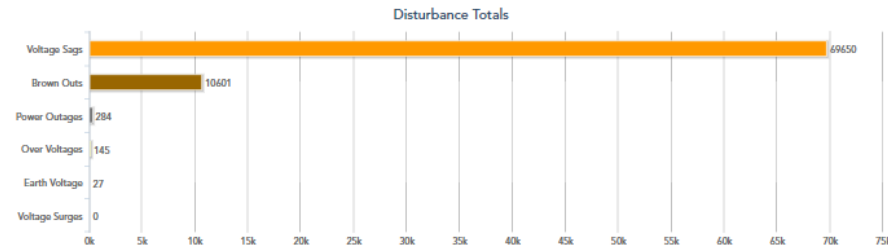
Search by Appliance, Location, Equipment fields

Search

Reset

Add New Appliance +

Appliances Disturbance Totals



Appliances Read Counts

Comm Status	Physical Status	Appliance Name	Disturbance Total	Type	Domain	Last Read	Location
✓	✓	BLE0005 (LUCAS)	18	P2003	1 East West Mfg	2018-02-08 10:40:13 EST	East West Engineering Lab
✓	✓	BLE0041 (JONATHAN)	81	P2003	1 East West Mfg	2018-02-07 12:59:08 EST	Ryan Lucas - Cubicle
✓	✓	BLE0046 (JOYCE)	12901	P2003	1 East West Mfg	2018-02-09 10:12:18 EST	East West Engineering Lab
✓	✓	BLE0047 (WILL)	84	P2003	1 East West Mfg	2018-02-07 12:59:06 EST	Ryan Lucas - Cubicle
✓	✓	BLE0059 (BARB)	12901	P2003	1 East West Mfg	2018-02-09 10:12:27 EST	East West Engineering Lab
✓	✓	BLE0134 (STEVE)	12901	P2503	1 East West Mfg	2018-02-09 10:12:24 EST	East West Engineering Lab
✗	✓	BLE0144 (CLARKE)	1012	P2503	1 East West Mfg	2018-02-02 16:18:00 EST	Ryan Lucas - Living Room
✓	✓	EQ17493 (RYAN DESK)	191	PM15	1 East West Mfg	2018-02-07 09:28:20 EST	Ryan Lucas - Cubicle
✓	✓	EQ1980 (RYAN DESK)	91	P2500	1 East West Mfg	2018-02-08 10:39:04 EST	Ryan Lucas - Cubicle
✓	✓	P2503-15-120-NA-090428010326	40527	P2503	1 East West Mfg	2018-02-09 10:11:45 EST	East West Engineering Lab

Export Appliance Summary



IMC Appliance Detail Page



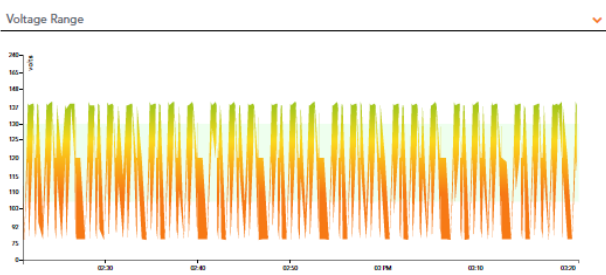
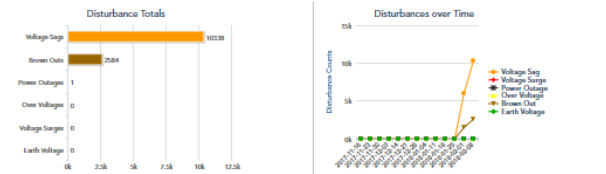
Innovolt Management Cloud

Appliances | Threat Level | Administration | Reports | electricrocket@gmail.com | Logout

Start Date: 01/01/2010
 End Date: 02/09/2018
 calculate

BLE0046 (JOYCE) [Event Report](#)

Disturbance Charts




Display Voltages for: Last 1 hour [Update](#)

Read Counts	Disturbances	Voltages	Control	Connected Assets	Appliance Details
Timestamp	Event Type	Data			
2018-02-09 15:21:34 UTC	Onset of Voltage Sag	90V			
2018-02-09 15:21:24 UTC	+ Voltage Variation	134V			
2018-02-09 15:20:53 UTC	+ Voltage Variation	134V			
2018-02-09 15:20:24 UTC	Recovery from Brownout	79V			
2018-02-09 15:19:34 UTC	Onset of Brownout				
2018-02-09 15:19:29 UTC	Onset of Voltage Sag	80V			
2018-02-09 15:19:26 UTC	Onset of Voltage Sag	85V			
2018-02-09 15:19:23 UTC	+ Voltage Variation	134V			

Read Counts	Disturbances	Voltages	Control	Connected Assets	Appliance Details
Timestamp	Event Type	Data			
2018-02-09 15:22:36 UTC	Recovery from Brownout	79V			
2018-02-09 15:21:54 UTC	+ Voltage Variation	132V			
2018-02-09 15:21:46 UTC	Onset of Brownout				
2018-02-09 15:21:41 UTC	Onset of Voltage Sag	80V			
2018-02-09 15:21:37 UTC	Onset of Voltage Sag	85V			
2018-02-09 15:21:34 UTC	Onset of Voltage Sag	90V			
2018-02-09 15:21:24 UTC	+ Voltage Variation	134V			
2018-02-09 15:20:53 UTC	+ Voltage Variation	134V			
2018-02-09 15:20:24 UTC	Recovery from Brownout	79V			
2018-02-09 15:19:34 UTC	Onset of Brownout				
2018-02-09 15:19:29 UTC	Onset of Voltage Sag	80V			
2018-02-09 15:19:26 UTC	Onset of Voltage Sag	85V			
2018-02-09 15:19:23 UTC	+ Voltage Variation	134V			
2018-02-09 15:18:53 UTC	+ Voltage Variation	133V			
2018-02-09 15:18:22 UTC	+ Voltage Variation	133V			
2018-02-09 15:18:13 UTC	Recovery from Brownout	79V			
2018-02-09 15:17:23 UTC	Onset of Brownout				
2018-02-09 15:17:18 UTC	Onset of Voltage Sag	80V			
2018-02-09 15:17:15 UTC	Onset of Voltage Sag	85V			
2018-02-09 15:17:11 UTC	Onset of Voltage Sag	90V			



IMC Appliance Detail Page

Read Counts	Disturbances	Voltages	Control	Connected Assests	Appliance Details
<p>Appliance Name <input type="text" value="BLE0046 [JOYCE]"/> Required</p> <p>Serial Number <input type="text" value="P200315120NA130404020046"/> Required</p> <p>Type <input type="text" value="P2003"/></p> <p>Model <input type="text" value="P2003-15-120-NA"/></p> <p>Domain <input type="text" value="1 East West Mfg"/> ▾</p> <p>Timezone <input type="text" value="(UTC-05:00) America/New_York"/> ▾</p> <p>Location Name <input type="text" value="East West Engineering Lab"/> ▾ Required</p> <p>Country <input type="text" value="UNITED STATES"/> ▾ Required</p> <p>State/Province <input type="text" value="GA"/> ▾ Required</p> <p>Postal Code <input type="text"/></p> <p>City <input type="text" value="Atlanta"/></p> <p>Street Address 1 <input type="text" value="4170 Ashford Dunwoody Road"/></p> <p>Street Address 2 <input type="text" value="Suite 375"/></p> <p>Description <input type="text"/></p>					
<p>Communication Status</p> <p>✓ Connected to network Last Heartbeat: 2018-02-09 10:20:53 EST</p>					
<p>Physical Status</p> <p>✓ This appliance is OK.</p> <p>Manually Replace Appliance</p>					
					
<p>Save Appliance Cancel Delete Appliance</p>					

Sales Contact

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