

# Using Two-Way DR Data

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# Agenda

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- One-Way vs Two-Way
- Broadcast Performance Report
- Asset Availability
- Relay Shed Time Report
- Relay Run Time Report
- Control Audit Report
- Commander
- Mapping
- Cellular LCR

# One-Way Data

- The Original one-way data
- Great system for the ages
- Do we know if that LCR controlled?
  - Manual M&V by hand with equipment to find runtimes & verify messages



# Two-way Data

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- Can we verify these devices are powered up and have comms?
- Can we create a report to find offline devices or problem areas?
- Can we find devices that were removed or have not been powered on since “x” date?













# Broadcast Performance Report

# Broadcast Performance Report

☆ DR Dashboard

Favorites

RF Broadcast Performance 

Last 24 Hours:		97.91%	 936	 20	 737
Last 7 Days:		97.83%	 5463	 121	 4122
Last 30 Days:		98.07%	 22812	 448	 22432

Details

 Configure

## RF Broadcast Performance ×

Below are the statuses:

- **Confirmed Success (Green)** - The devices in this category have reported receiving the unique RF broadcast performance message for the selected day.
- **Confirmed Missed (Orange)** - The devices in this category have reported all available data for the selected day and the analysis has determined the unique broadcast performance message was not received by the device.
- **Unreported (Grey)** - The devices in this category **have not reported all available data** for the selected day and the analysis is unable to determine the success or failure of the unique broadcast performance receipt for the device. When the data is received, the device will re-categorized appropriately.

# Broadcast Performance Report

## ☆ RF Broadcast Performance Details

Date Range:

04/20/2023



to

04/25/2023



Update

Tests Found:

6

Event Time

Results



04/25/2023 00:15:09 CDT



97.92%

942

20

731

04/24/2023 00:15:09 CDT



95.59%

933

43

667

04/23/2023 00:15:05 CDT



98.72%

928

12

703



04/22/2023 00:15:08 CDT



98.3%

925

16

702

Event Details

04/21/2023 00:15:04 CDT



98.57%

895

13

691

04/20/2023 00:15:05 CDT



98.35%


894





15


680

# Broadcast Performance Report

☆ Event Details





Event Time: 04/23/2023 00:15:05 CDT  Export to CSV



Results:  98.72%   







Device Group(s): [Select Device Group\(s\)](#) 

Status: [Confirmed Success](#) [Confirmed Missed](#)  
[Unreported](#)

[Filter](#)

-  Collection Actions
-  Download
-  Inventory Action
-  Map Devices

Filtered Results:  Devices 

	Device Name ↑	Device Type	Account Number	Current Status	
	72003	LCR 6600 RFN	2 -LCR	Communicating	
	720030	LCR 6600 RFN	4 -LCR	Not Communicating	
	720	LCR 6600 RFN	8 -LCR	Communicating	
	72	LCR 6600 RFN	3 -LCR	Not Communicating	
	7.	LCR 6600 RFN	73 -LCR	Not Communicating	
	7200301	LCR 6600 RFN	48 -LCR	Communicating	



Devices Selected: **1643** temporary collection 🔍 ⋮

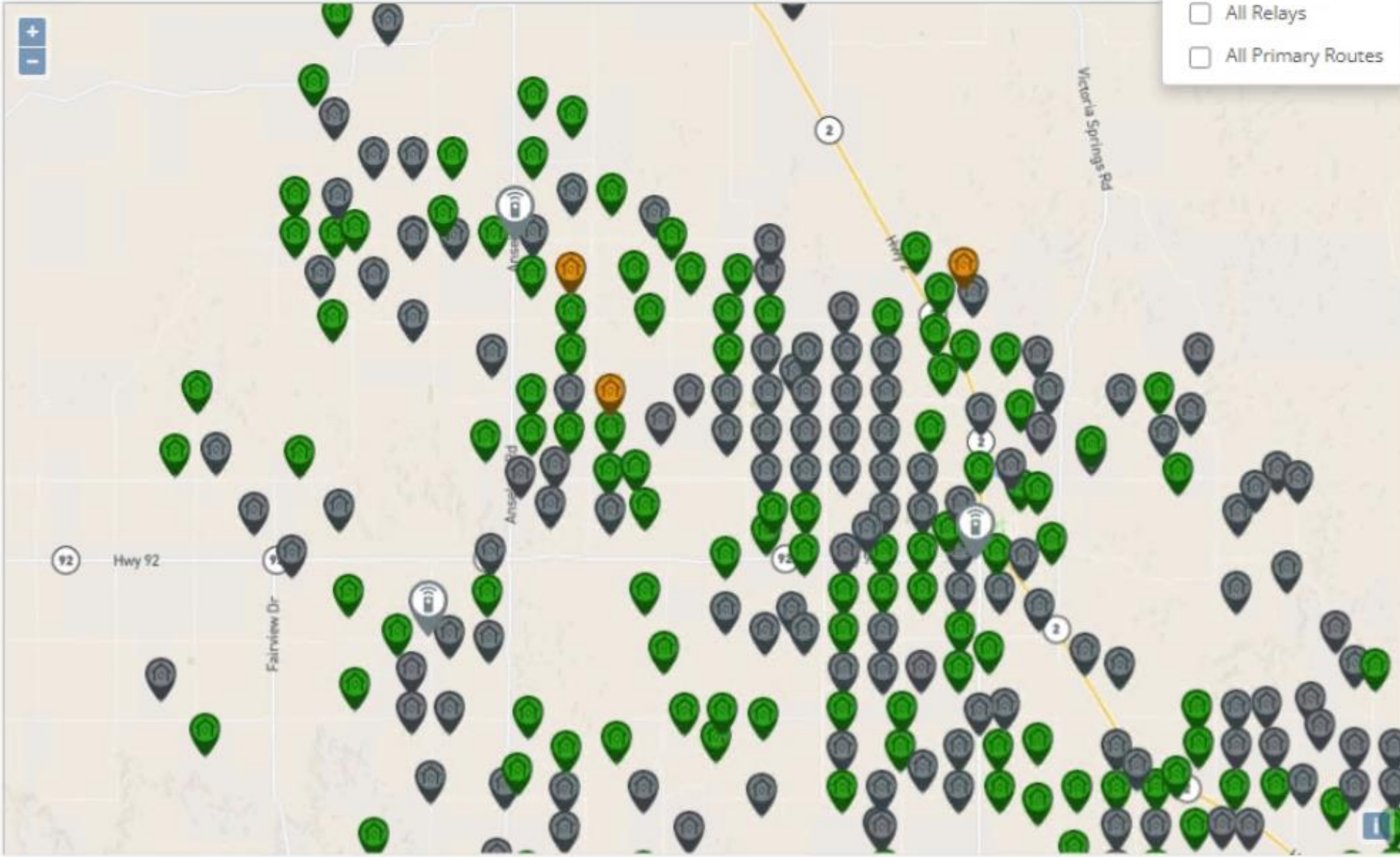
Confirmed Success: **928** temporary collection 🔍 ⋮

Confirmed Missed: **12** temporary collection 🔍 ⋮

Infrastructure: All Gatew... ▾

Unreported: **703** temporary collection 🔍 ⋮

- All Gateways
- All Relays
- All Primary Routes



2 mi

Map navigation and utility icons including a home button, a layers button, and a location pin button.

# Broadcast Performance Report – CSV Export

	A	B	C	D	E
1	Device Name	Device Type	Account Number	Current Status	Last Communication
2	72001	LCR 6600 RFN	Account1	Communicating	04/25/2023 15:49:01 CDT
3	72002	LCR 6600 RFN	Account2	Not Communicating	04/20/2023 02:23:29 CDT
4	72003	LCR 6600 RFN	Account3	Communicating	04/25/2023 10:23:34 CDT
5	72004	LCR 6600 RFN	Account4	Not Communicating	09/28/2022 11:01:22 CDT
6	72005	LCR 6600 RFN	Account5	Not Communicating	11/21/2022 14:33:10 CST
7	72006	LCR 6600 RFN	Account6	Communicating	04/25/2023 01:06:39 CDT
8	72007	LCR 6600 RFN	Account7	Communicating	04/24/2023 22:53:12 CDT
9	72008	LCR 6600 RFN	Account8	Communicating	04/25/2023 02:21:09 CDT
10	72009	LCR 6600 RFN	Account9	Not Communicating	12/28/2022 07:10:11 CST
11	72010	LCR 6600 RFN	Account10	Communicating	04/25/2023 19:25:09 CDT
12	72011	LCR 6600 RFN	Account11	Not Communicating	10/29/2022 02:00:36 CDT
13	72012	LCR 6600 RFN	Account12	Communicating	04/25/2023 07:29:56 CDT
14	72013	LCR 6600 RFN	Account13	Communicating	04/25/2023 08:02:20 CDT
15	72014	LCR 6600 RFN	Account14	Communicating	04/25/2023 17:18:02 CDT
16	72015	LCR 6600 RFN	Account15	Not Communicating	09/15/2022 08:44:09 CDT
17	72016	LCR 6600 RFN	Account16	Communicating	04/25/2023 21:31:21 CDT
18	72017	LCR 6600 RFN	Account17	Communicating	04/25/2023 05:19:30 CDT
19	72018	LCR 6600 RFN	Account18	Communicating	04/25/2023 00:34:51 CDT
20	72019	LCR 6600 RFN	Account19	Communicating	04/25/2023 18:24:57 CDT
21	72020	LCR 6600 RFN	Account20	Not Communicating	11/04/2022 03:08:15 CDT
22	72021	LCR 6600 RFN	Account21	Not Communicating	04/17/2023 22:37:18 CDT
23	72022	LCR 6600 RFN	Account22	Not Communicating	10/03/2022 18:58:55 CDT

# Broadcast Performance Report – CSV Export

	A	B	C	D	E
1	Device Name	Device Type	Account Number	Current Status	Last Communication
3	72002	LCR 6600 RFN	Account2	Not Communicating	04/20/2023 02:23:29 CDT
5	72004	LCR 6600 RFN	Account4	Not Communicating	09/28/2022 11:01:22 CDT
6	72005	LCR 6600 RFN	Account5	Not Communicating	11/21/2022 14:33:10 CST
10	72009	LCR 6600 RFN	Account9	Not Communicating	12/28/2022 07:10:11 CST
12	72011	LCR 6600 RFN	Account11	Not Communicating	10/29/2022 02:00:36 CDT
16	72015	LCR 6600 RFN	Account15	Not Communicating	09/15/2022 08:44:09 CDT
21	72020	LCR 6600 RFN	Account20	Not Communicating	11/04/2022 03:08:15 CDT
22	72021	LCR 6600 RFN	Account21	Not Communicating	04/17/2023 22:37:18 CDT
23	72022	LCR 6600 RFN	Account22	Not Communicating	10/03/2022 18:58:55 CDT
25	72024	LCR 6600 RFN	Account24	Not Communicating	04/18/2023 02:58:41 CDT

Account Number Current Status

A ↓ Sort A to Z  
Z ↓ Sort Z to A

Sort by Color >

Sheet View >

Clear Filter From "Current Status"

Filter by Color >

Text Filters >

Search

(Select All)  
 Communicating  
 Not Communicating

OK Cancel



# Asset Availability

# Asset Availability


Target Level: Control Area (151 Devices) 



**55** Active: 36.4%  
**0** Opted Out: 0%  
**19** Inactive: 12.6%  
**77** Unavailable: 51%

Device Groups: [Select Device Group\(s\)](#)  

Recent Reading: Active Opted Out Inactive Unavailable

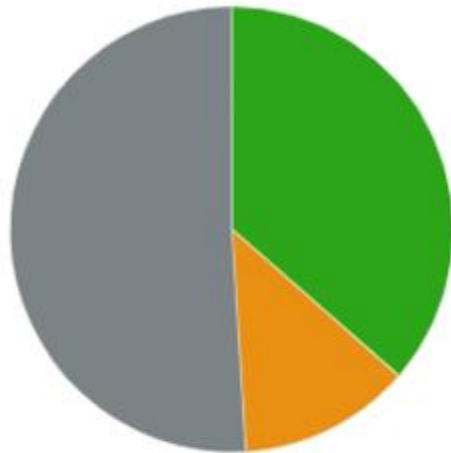
Primary Forward:  

**Filter**

Filtered Results: **151** Devices 

Serial Number 	Device Type	Primary Forward	Last Communication	Last Runtime	
 72300	LCR 6700 RFN	Unknown	05/03/2023 16:54:53	09/21/2022 04:00:00	

# Asset Availability



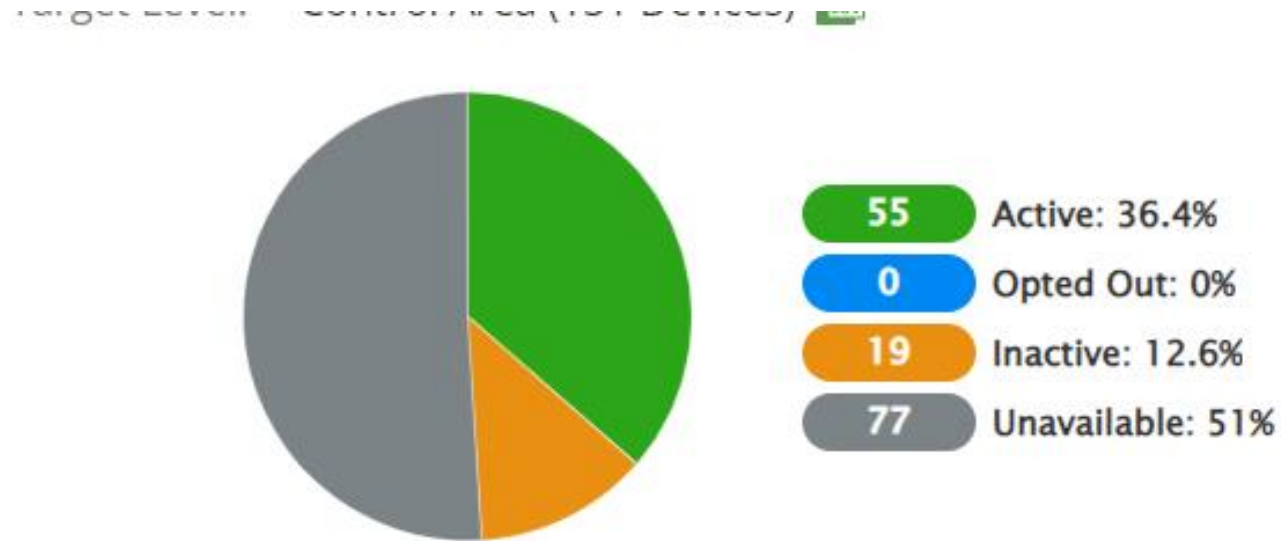
### Asset Availability Results Help

You can apply the following filters to the report:

- **Device Group(s)** - Select one to many device groups to filter the results. Device Group filter is not supported by legacy devices.
- **Recent Reading** - Select any data availability options to filter the results.
  - **Active (Green)** - Devices have returned a positive value for appliance run time at some point in the previous 7 days .
  - **Opted Out (Blue)** - Devices have been taken out of service and are no longer responding to events.
  - **Inactive (Orange)** - Devices have returned the value zero for every appliance run time interval in the previous 7 days .
  - **Unavailable (Grey)** - Devices have not provided any run time data in the previous 60 hours.

Click on the Filter button to filter the results.  
The resulting devices will display in a table with the total count of filtered devices. Click on the Gear Icon next to the device count to view options you can do for the filtered device collection (Collection Actions, Map Devices, Download data, etc.).  
Click on the Gear Icon next to each device to view options you can do for the

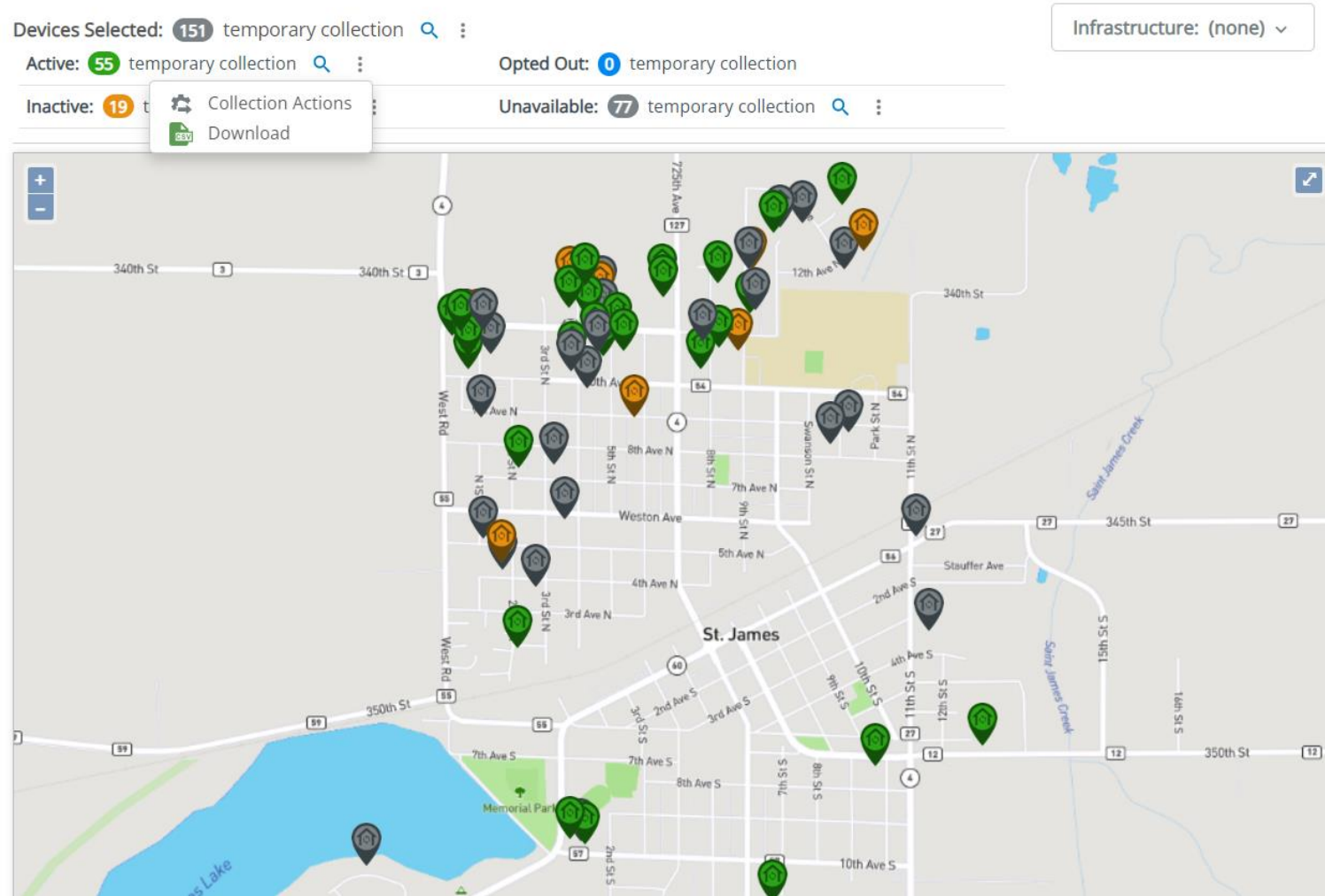
# Asset Availability



Filtered Results: **151** Devices

	Collection Actions	Device Type	Primary Forward
●	Download	LCR 6700 RFN	Unknown
●	Inventory Action	LCR 6700 RFN	Unknown
●	Map Devices	LCR 6700 RFN	Unknown

# Map Devices





# LCR Two Way Data Logs

# LCR Device Points

☆ LCR-6600 (RFN) 7200 Actions ▾

- LCR
- ACCOUNT
- CONTACTS
- CALL TRACKING
- METERING
- CONTROL HISTORY
- ENROLLMENT
- OPT OUT
- APPLIANCES
- HARDWARE**
- ACCOUNT LOG

### Device Info

Switch Type: LCR-6600 (RFN)  
Serial Number: 7200  
Device Name: 7200  
Label: 7200  
Alt Tracking Number:  
Voltage:  
Field Install Date: 10/31/2022  
Field Receive Date:  
Field Remove Date:  
Notes:  
Status: Available  
Asset Availability: Inactive

### Service And Storage

Service Company: (none)  
Warehouse: (none)  
Install Notes:

### Network Information

Comm Status: **Ready**  
Comm Status Obtained At: 04/25/2023 17:36

### Device Readings

Status

04/25/2023 17:25:07	Control Status	False
04/25/2023 17:25:07	Service Status	In Service

Analog

04/25/2023 17:25:07	Blink Count	4 Counts
04/25/2023 17:25:07	Recording Interval	60 Minutes
01/01/2010 12:00:00	Relay 1 Remaining Control Time	0 Seconds !
01/01/2010 12:00:00	Relay 1 Run Time Data Log	0 Minutes !
01/01/2010 12:00:00	Relay 1 Shed Time Data Log	0 Minutes !
01/01/2010 12:00:00	Relay 1 kW Load Size	0.0000 kW !
04/25/2023 17:25:07	Relay 2 Remaining Control Time	0 Seconds
04/25/2023 17:00:00	Relay 2 Run Time Data Log	0 Minutes

[Show All](#) Read

# LCR Device Points – View All Point

CONTACTS	Filter By: <input type="text" value="Select Point Type(s)"/>	<input type="button" value="Filter"/>	<input type="button" value="Download"/>	
CALL TRACKING	<b>Point Name ↑</b>	<b>Attribute</b>	<b>Value/State</b>	<b>Date/Time</b>
METERING	Blink Count	Blink Count	4 Counts	04/25/2023 17:25:07
CONTROL HISTORY	Control Status	Control Status	<input checked="" type="checkbox"/> False	04/25/2023 17:25:07
ENROLLMENT	Recording Interval	Recording Interval	60 Minutes	04/25/2023 17:25:07
OPT OUT	Relay 1 kW Load Size	Relay 1 kW Load Size	0.0000 kW !	01/01/2010 12:00:00
APPLIANCES	Relay 1 Remaining Control Time	Relay 1 Remaining Control Time	0 Seconds !	01/01/2010 12:00:00
<b>HARDWARE</b>	Relay 1 Run Time Data Log	Relay 1 Run Time Data Log	0 Minutes !	01/01/2010 12:00:00
ACCOUNT LOG	Relay 1 Shed Time Data Log	Relay 1 Shed Time Data Log	0 Minutes !	01/01/2010 12:00:00
	Relay 2 kW Load Size	Relay 2 kW Load Size	14.0760 kW	04/25/2023 17:25:07
	Relay 2 Remaining Control Time	Relay 2 Remaining Control Time	0 Seconds	04/25/2023 17:25:07
	Relay 2 Run Time Data Log	Relay 2 Run Time Data Log	0 Minutes	04/25/2023 17:00:00

# LCR Device Points – Runtime Data Log

21:27:19

Control Status Control Status  False 05/07/2023 21:27:19 Normal

Contacts

Control History

Enrollment

Opt Out

Appliances

Hardware

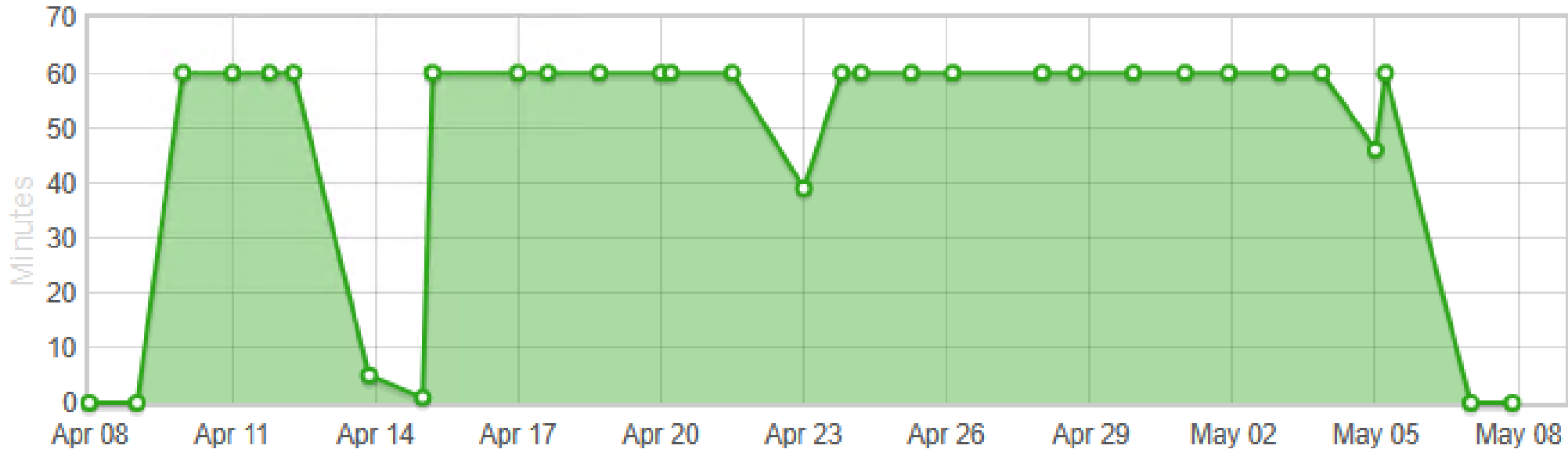
Account Log

### Recent Archived Readings

05/04/2023 02:00:00	0 Minutes
05/04/2023 01:00:00	0 Minutes
05/04/2023 00:00:00	0 Minutes
05/03/2023 23:00:00	0 Minutes
05/03/2023 22:00:00	20 Minutes
05/03/2023 21:00:00	60 Minutes
05/03/2023 20:00:00	59 Minutes
05/03/2023 19:00:00	60 Minutes
05/03/2023 18:00:00	60 Minutes
05/03/2023 17:00:00	60 Minutes
05/03/2023 16:00:00	50 Minutes
05/03/2023 15:00:00	0 Minutes
05/03/2023 14:00:00	0 Minutes
05/03/2023 13:00:00	0 Minutes
05/03/2023 12:00:00	0 Minutes
05/03/2023 11:00:00	0 Minutes

# LCR Device Points – Runtime Data Log

1 Month Trend for Relay 1 Run Time Data Log



Timestamp ▲

Value



05/07/2023 21:00:00

0 Minutes

# Runtime Data Log Export

Can we obtain the runtime data for every 6200 on our system for 12:00-14:00?

Serial Number	Date	Time	Runtime	Serial Number	Date	Time	Runtime	Serial Number	Date	Time	Runtime
71041	9/18/2022	12:00:00	0	71041	9/18/2022	13:00:00	0	71041	9/18/2022	14:00:00	0
71036	9/18/2022	12:00:00	0	71036	9/18/2022	13:00:00	0	71036	9/18/2022	14:00:00	0
71031	9/18/2022	12:00:00	0	71031	9/18/2022	13:00:00	25	71031	9/18/2022	14:00:00	25
71037	9/18/2022	12:00:00	41	71037	9/18/2022	13:00:00	28	71037	9/18/2022	14:00:00	31
71041	9/18/2022	12:00:00	0	71041	9/18/2022	13:00:00	0	71041	9/18/2022	14:00:00	0
71038	9/18/2022	12:00:00	6	71038	9/18/2022	13:00:00	0	71038	9/18/2022	14:00:00	6
71032	9/18/2022	12:00:00	33	71032	9/18/2022	13:00:00	16	71032	9/18/2022	14:00:00	12
71038	9/18/2022	12:00:00	0	71038	9/18/2022	13:00:00	0	71038	9/18/2022	14:00:00	0
71038	9/18/2022	12:00:00	0	71038	9/18/2022	13:00:00	0	71038	9/18/2022	14:00:00	0
71034	9/18/2022	12:00:00	0	71034	9/18/2022	13:00:00	0	71034	9/18/2022	14:00:00	22
71034	9/18/2022	12:00:00	0	71034	9/18/2022	13:00:00	0	71034	9/18/2022	14:00:00	0
71032	9/18/2022	12:00:00	59	71032	9/18/2022	13:00:00	50	71032	9/18/2022	14:00:00	33
71039	9/18/2022	12:00:00	60	71039	9/18/2022	13:00:00	40	71039	9/18/2022	14:00:00	52

# LCR Device Points – Shed Time Data Log

CONTACTS

CALL TRACKING

METERING

CONTROL HISTORY

ENROLLMENT

OPT OUT

APPLIANCES

**HARDWARE**

ACCOUNT LOG

Filter By: Select Point Type(s) Filter Download

Point Name ↑	Attribute	Value/State	Date/Time
Blink Count	Blink Count	4 Counts	04/25/2023 17:25:07
Control Status	Control Status	<span style="color: green;">■</span> False	04/25/2023 17:25:07
Recording Interval	Recording Interval	60 Minutes	04/25/2023 17:25:07
Relay 1 kW Load Size	Relay 1 kW Load Size	0.0000 kW!	01/01/2010 12:00:00
Relay 1 Remaining Control Time	Relay 1 Remaining Control Time	0 Seconds!	01/01/2010 12:00:00
Relay 1 Run Time Data Log	Relay 1 Run Time Data Log	0 Minutes!	01/01/2010 12:00:00
Relay 1 Shed Time Data Log	Relay 1 Shed Time Data Log	0 Minutes!	01/01/2010 12:00:00
Relay 2 kW Load Size	Relay 2 kW Load Size	14.0760 kW	04/25/2023 17:25:07
Relay 2 Remaining Control Time	Relay 2 Remaining Control Time	0 Seconds	04/25/2023 17:25:07
Relay 2 Run Time Data Log	Relay 2 Run Time Data Log	0 Minutes	04/25/2023 17:00:00
Relay 2 Shed Time Data Log	Relay 2 Shed Time Data Log	0 Minutes	04/25/2023 17:00:00
Relay 3 kW Load Size	Relay 3 kW Load Size	0.0000 kW!	01/01/2010 12:00:00

Recent Archived Relay 2 Shed Time Data Log Rea... ×

1 Month ▼ Download Chart

Timestamp ↑

- 1 Month
- 3 Months
- 1 Year
- All

04/25/2023 17:00:00	0 Minutes
04/25/2023 16:00:00	0 Minutes
04/25/2023 15:00:00	0 Minutes

# LCR Data Logs – Build Data Exports!

## Create New Format ×

Fixed Attribute  
Results will contain at most one row per device. Data points (attributes) defined as columns within the format. Commonly used for exporting most recent reading for one or more devices.

Dynamic Attribute  
Results may contain multiple rows per device and attribute. Data points (attributes) are selected at run time. Commonly used for exporting multiple readings over a given date range for one or more devices.

Use Template  
Create a format from a pre-defined template.



Name of Format:

Delimiter:

Header:

Footer:

Time Zone Format:

Exclude Readings with Abnormal Quality [?](#)

### Field Setup

Field	Data Type	Data Selection	Days Previous	Missing Value	Rounding	Pattern	Field Size	Padding	
Device Name				Leave Blank			No Max	None	
Address/Serial Number				Leave Blank			No Max	None	
Timestamp				Leave Blank		MM/dd/yyyy HH:mm	No Max	None	
Value				Leave Blank	Half Even	#####	No Max	None	
Attribute Name				Leave Blank		DEFAULT	No Max	None	

Add

### Preview

```

10      20      30      40      50      60      70      80      90      100     110     120     130
.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....
Device,Timestamp,Value,Name
Default Device,123456789,04/25/2023 22:05,1234546,Delivered kWh

```

# Shed Time Data Log Export

☆ Data Export

**Export Formats**

**Format:** Shed Time Reporting Edit Copy + Create

**Devices:** Device Group /System/Device Types/LCR-6600 RFN Q

Device Count: 179

**Attribute:** relay 2

- Relay\_2 Remaining Control Time
- Relay\_2 Run Time Data Log
- Relay\_2 Run Time Data Log 15 Minutes
- Relay\_2 Run Time Data Log 30 Minutes
- Relay\_2 Run Time Data Log 5 Minutes
- Relay\_2 Shed Status
- Relay\_2 Shed Time Data Log
- Relay\_2 Shed Time Data Log 15 Minutes
- Relay\_2 Shed Time Data Log 30 Minutes

Export Now

**Preview**

10	2	90	1
..... .....		..... .....	
Device, Timestamp, Val			
Default Device, 12345			

# Shed Time Data Log, Evaluation - Normal

	A	B	C	D	E
1	SN	Device	Timestamp	Value	Point
2	72004	745	8/11/2021 0:00	0	Relay 2 Shed Time Data Log
3	72004	745	7/29/2021 1:00	0	Relay 2 Shed Time Data Log
4	72004	745	7/29/2021 2:00	0	Relay 2 Shed Time Data Log
5	72004	745	7/29/2021 3:00	0	Relay 2 Shed Time Data Log
6	72004	745	7/29/2021 4:00	0	Relay 2 Shed Time Data Log
7	72004	745	7/29/2021 5:00	0	Relay 2 Shed Time Data Log
8	72004	745	7/29/2021 6:00	0	Relay 2 Shed Time Data Log
9	72004	745	7/29/2021 7:00	0	Relay 2 Shed Time Data Log
10	72004	745	7/29/2021 8:00	0	Relay 2 Shed Time Data Log
11	72004	745	7/29/2021 9:00	0	Relay 2 Shed Time Data Log
12	72004	745	7/29/2021 10:00	0	Relay 2 Shed Time Data Log
13	72004	745	7/29/2021 11:00	0	Relay 2 Shed Time Data Log
14	72004	745	7/29/2021 12:00	0	Relay 2 Shed Time Data Log
15	72004	745	7/29/2021 13:00	3	Relay 2 Shed Time Data Log
16	72004	745	7/29/2021 14:00	60	Relay 2 Shed Time Data Log
17	72004	745	7/29/2021 15:00	60	Relay 2 Shed Time Data Log
18	72004	745	7/29/2021 16:00	60	Relay 2 Shed Time Data Log
19	72004	745	7/29/2021 17:00	60	Relay 2 Shed Time Data Log
20	72004	745	7/29/2021 18:00	60	Relay 2 Shed Time Data Log
21	72004	745	7/29/2021 19:00	60	Relay 2 Shed Time Data Log
22	72004	745	7/29/2021 20:00	32	Relay 2 Shed Time Data Log
23	72004	745	7/29/2021 21:00	0	Relay 2 Shed Time Data Log
24	72004	745	7/29/2021 22:00	0	Relay 2 Shed Time Data Log
25	72004	745	7/29/2021 23:00	0	Relay 2 Shed Time Data Log

# Shed Time Data Log, Evaluation - Abnormal

Device	Timestamp	Value	Point		
72001	8/9/2021 14:00	0	Relay 2 Shed Time Data Log		
72001	8/9/2021 15:00	0	Relay 2 Shed Time Data Log		
72001	8/9/2021 16:00	0	Relay 2 Shed Time Data Log		
72001	8/9/2021 17:00	0	Relay 2 Shed Time Data Log		
72001	8/10/2021 17:00	52	Relay 2 Shed Time Data Log		
72001	7/29/2021 1:00	0	Relay 2 Shed Time Data Log		
72001	7/29/2021 2:00	0	Relay 2 Shed Time Data Log		
72001	7/29/2021 3:00	0	Relay 2 Shed Time Data Log		
72001	7/29/2021 4:00	0	Relay 2 Shed Time Data Log		

Device	Timestamp	Value	Point		
72004	7/29/2021 1:00	0	Relay 2 Shed Time Data Log		
72004	7/29/2021 2:00	0	Relay 2 Shed Time Data Log		
72004	7/29/2021 3:00	0	Relay 2 Shed Time Data Log		
72004	7/29/2021 4:00	0	Relay 2 Shed Time Data Log		
72004	7/29/2021 5:00	0	Relay 2 Shed Time Data Log		
72004	7/29/2021 6:00	0	Relay 2 Shed Time Data Log		
72004	7/29/2021 7:00	0	Relay 2 Shed Time Data Log		
72004	7/29/2021 20:00	33	Relay 2 Shed Time Data Log		
72004	7/29/2021 21:00	0	Relay 2 Shed Time Data Log		
72004	7/29/2021 22:00	0	Relay 2 Shed Time Data Log		
72004	7/29/2021 23:00	0	Relay 2 Shed Time Data Log		
72004	7/30/2021 0:00	0	Relay 2 Shed Time Data Log		

# Control Audit Report

# Control Audit Report

Home / Assets / Actions / LM Control Audit

★ LM Control Audit

Assets Selected: **151** Individually Selected 🔍

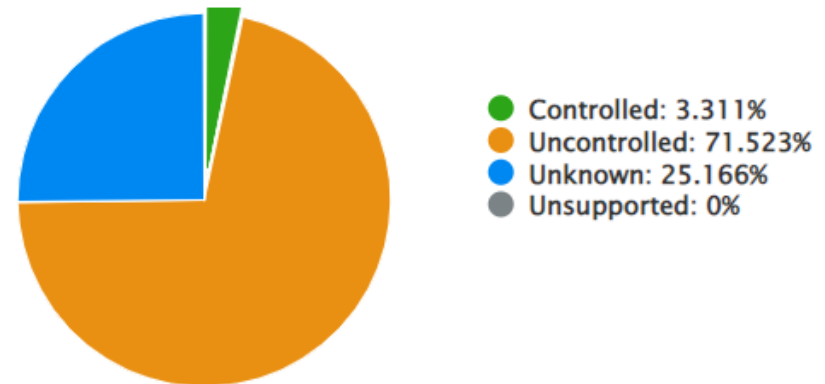
04/28/2023 12:09 CDT 📅

to

05/05/2023 12:09 CDT 📅

Progress: **Finished**

Run Audit



# Control Audit Report

## Controlled Devices

Devices: **5** (3.311%)

 New Action

 Download

Serial Number	Device Type	Account No	Control Total
72300	LCR 6700 RFN	5-458	2 hours 24 minutes
72300	LCR 6700 RFN	8-202	3 hours
72300	LCR 6700 RFN	7-480	7 hours 35 minutes
72300	LCR 6700 RFN	7-370	5 hours 35 minutes
72300	LCR 6700 RFN	8-646	2 hours 35 minutes

1 - 5 of 5 < >

## Uncontrolled Devices

Devices: **108** (71.523%)

 New Action

 Download

Serial Number	Device Type	Account No
72300	LCR 6700 RFN	6-013
72300	LCR 6700 RFN	5-480
72300	LCR 6700 RFN	5-487
72300	LCR 6700 RFN	6-046
72300	LCR 6700 RFN	5-534
72300	LCR 6700 RFN	6-040
72300	LCR 6700 RFN	6-048
72300	LCR 6700 RFN	8-154
72300	LCR 6700 RFN	8-128
72300	LCR 6700 RFN	8-062

# Commander



# Commander

## ☆ Commander

Target: Device Load Group → ExpressCom → VersaCom

Device: (none selected)

Common Commands: Select a Co...

Command:  Execute Settings

Console Refresh Select All Clear 🔒

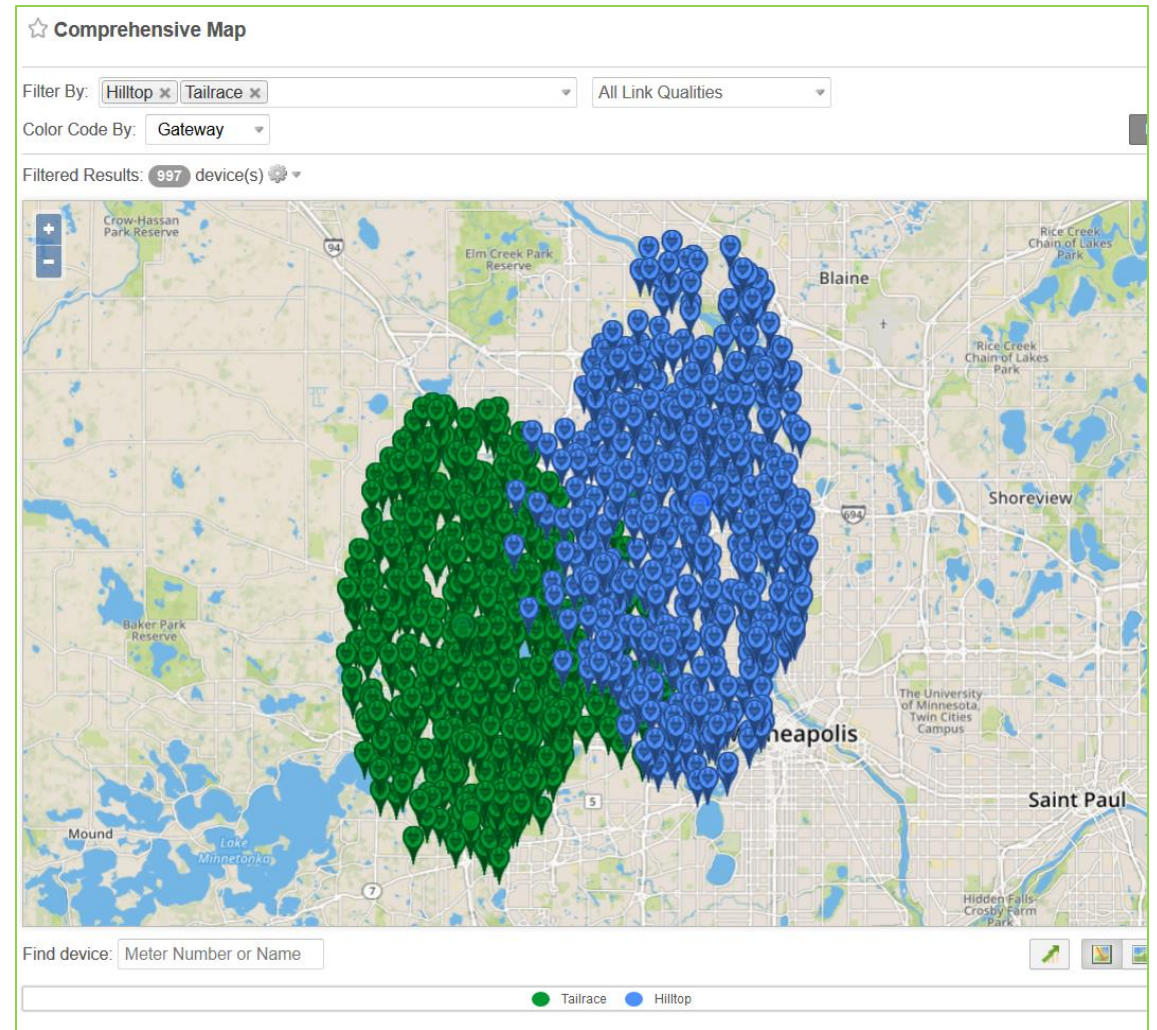
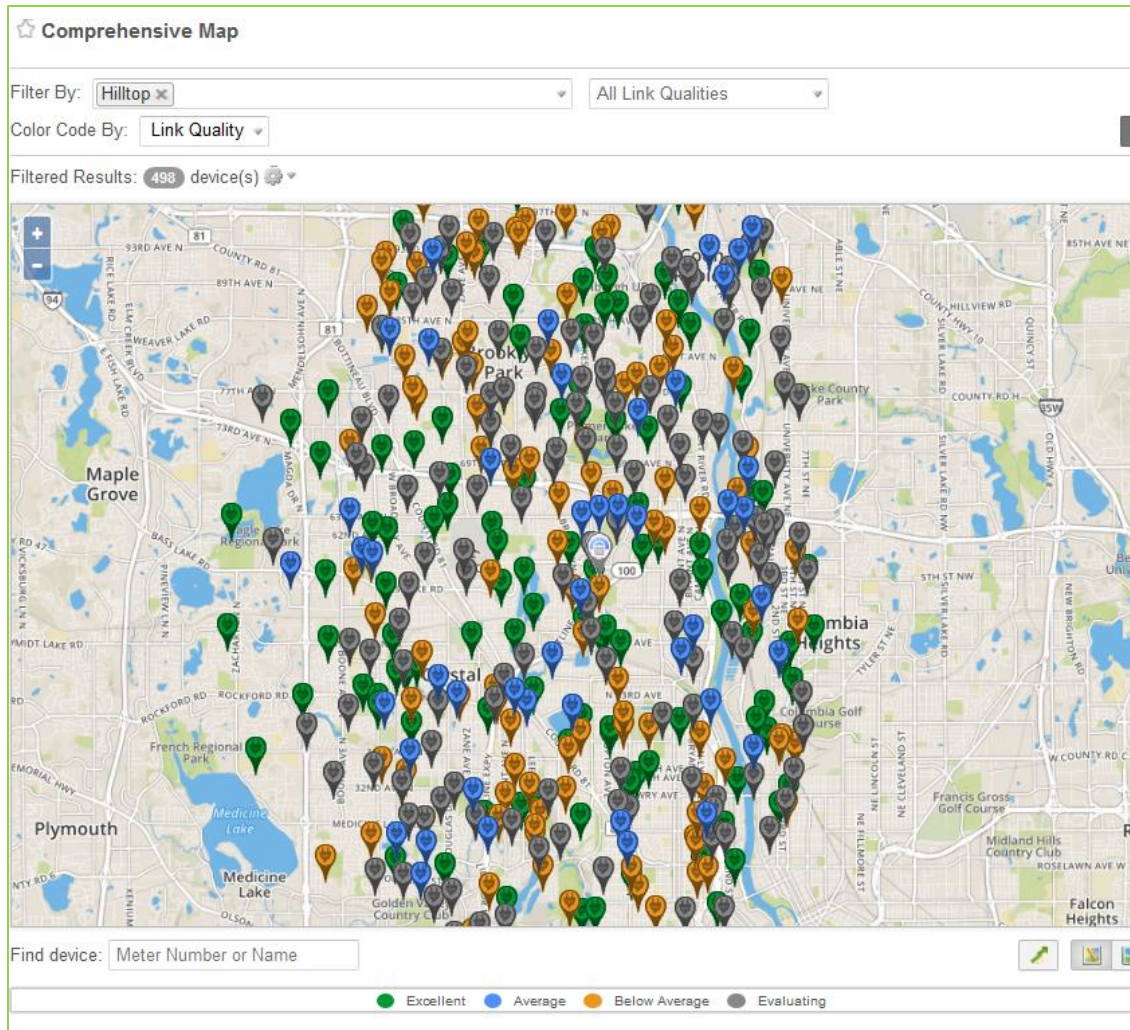
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# Commander

The image shows a software interface for 'Commander'. At the top left, there is a star icon and the text 'Commander'. Below this, there are navigation tabs for 'Device', 'Load Group', and 'ExpressCom'. The 'Device' tab is selected. Underneath, it says 'Device: (none selected)'. A red box highlights the 'Common Commands' section, which contains a dropdown menu labeled 'Select a Co...' and a blue icon. A blue arrow points from this dropdown to a larger, detailed view of the dropdown menu on the right. This detailed view shows a search bar at the top with the text 'Select a Command' and a magnifying glass icon. Below the search bar is a list of commands: 'Select a Command', 'Last Interval kW', 'Runtime Load 1', 'Runtime Load 2', 'Runtime Load 3', 'Runtime Load 4', 'Relay 1 Shed Time', 'Relay 2 Shed Time', 'Relay 3 Shed Time', and 'Relay 4 Shed Time'. A vertical scrollbar is visible on the right side of the list. Below the detailed view, there is a 'Command:' input field and a 'Console' section with a dashed line separator.

# Mapping

# Comprehensive Maps



# Addressing

# Addressing

### Enrolled Programs

Name	Appliance Category	Group	Relay
AC Program	Air Conditioner	AC Group	1

**Config**   Save to Batch   Save Config Only

### Device Reported Configuration

Service Provider: 2000      *Reported at 05/12/2020 23:20*  
GEO: -2  
Substation: -2  
Feeder: 0  
ZIP: 16777214  
User Address: 17

Relay	Program	Splinter
1	10	1
2	21	1
3	0	0
4	0	0

**Read**

### Service Status

In Service 05/09/2023 03:14:03

### General

Name: AC Group  
Type: RFN Expresscom Group

### Geographical Address

Address Usage: None

### Geographical Addressing

SPID: 2000

### Load Address

Usage: Program

### Load Addressing

Send Loads in Control Message: No  
Loads: Load 1  
Program: 10



# Cellular LCR

# Event Participation Summary

★ Event Participation Summary

Date Range: 03/28/2023 to 04/28/2023 Update Download

Events Found: 31

External Event Id	Program	Group	Start Time	Device Status
211	Rogers Device Heat Pump Strip Heat	Roger Device Heat Pump Strip Heat	04/25/2023 11:54:23 CDT	Confirmed Success
210	Yash Device AC	Yash Device AC	04/25/2023 11:53:57 CDT	Confirmed Success
209	Yash Device WH	Yash Device WH	04/25/2023 11:53:34 CDT	Confirmed Success
208	Yash Device AC	Yash Device AC	04/21/2023 14:15:20 CDT	Confirmed Success After Retry
207	Rogers Device Heat Pump Strip Heat	Roger Device Heat Pump Strip Heat	04/21/2023 14:13:56 CDT	Confirmed Success
206	Yash Device WH	Yash Device WH	04/21/2023 14:10:12 CDT	Confirmed Success After Retry
205	Yash Device WH	Yash Device WH	04/21/2023 13:53:54 CDT	Confirmed Success After Retry
204	Yash Device AC	Yash Device AC	04/21/2023 13:40:26 CDT	Failed
203	Yash Device WH	Yash Device WH	04/21/2023 13:40:02 CDT	Failed
202	Rogers Device Heat Pump Strip Heat	Roger Device Heat Pump Strip Heat	04/21/2023 13:36:39 CDT	Unreported
201	Yash Device WH	Yash Device WH	04/21/2023 12:59:16 CDT	Unreported
200	Yash Device AC	Yash Device AC	04/21/2023 12:59:07 CDT	Unreported
199	Rogers Device Heat Pump Strip Heat	Roger Device Heat Pump Strip Heat	04/21/2023 12:58:59 CDT	Unreported
198	Yash Device WH	Yash Device WH	04/21/2023 11:37:16 CDT	Unreported

Recent Event Participation

**Confirmed Success**  
The devices in this category have reported DR message for the event.

**Confirmed Success After Retry**  
The devices in this category have reported DR message for the event after retry.

**Failed**  
The devices in this category have failed to receive the DR message for the event.

**Unreported**  
The devices in this category have not reported DR message for the event.

04/21/2023 14:10:12

External Event Id	Program	Group	Start Time	Stop Time	Device Name	Account Number	Event Phase	Participation State	Serial Number	OptOut Status	Fail Reason	Retry Time
189	Yash Device AC	Yash Device AC	4/20/2023 7:52	4/20/2023 8:59	7.8331E+13	Yash's Test Devices	Unknown	Unreported	7.8331E+13	NONE	Unable to send device command., id=5534b7eb-9e7b-4700-b637-d3caa8df7832	
189	Yash Device AC	Yash Device AC	4/20/2023 7:52	4/20/2023 8:59	7.1789E+14	Yash's Test Devices	Completed	Confirmed	7.1789E+14	NONE		







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