

Hit list

• Configure Hit list

- The Hit list is a useful tool for filtering events which are relevant. It can be configured to only show events which you are interested in, and which have occurred for a number of consecutive days. For more on Hit Lists see *Reports*.

User: joel

- User Administration
- Network Maintenance
- Profiles
- Logical Groups
- System Parameters
- BranchNode Manager
- Integration Management
- System Configuration
- Manage Messages
- Configure Hit List**

Configure Range

Lamp reduced power: 5 Days

Lamp strike failed: 3 Days

Ballast thermal shutdown: 2 Days

Lamp aged lamp shutdown: 5 Days

Ballast timeout: 1 Days

Node time reset: 2 Days

Node uhf comms failed: 3 Days

Ballast low lamp volts shutdown: 3 Days

Ballast strike fail shutdown: 3 Days

Drag the slider to the desired number of days an event should occur before being included.

Lamp reduced power: Included

Lamp strike failed: Included

Ballast thermal shutdown: Included

Lamp aged lamp shutdown: Included

Ballast timeout: Included

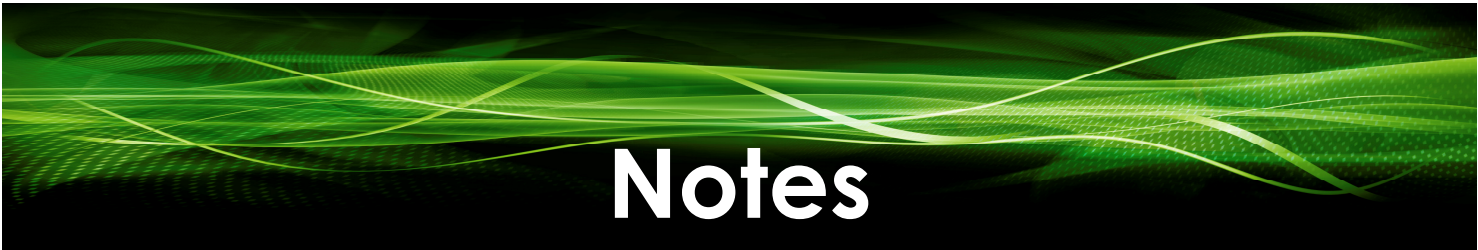
Node time reset: Included

Node uhf comms failed: Included

Node not monitored: Excluded

Select the events you wish to include by clicking the included/excluded box.

Note that changes will only be included in a hit list after the next sync.



Notes

Handwriting practice area with 15 sets of dashed green lines.



Health Check

LeafNut Login

Please login to continue

Username:

Password:

Login



Health Check

The Health Check is a useful tool for diagnosing the cause of events and testing columns



User: joel

Logout

Home

About

Health Check

Create a new report

View reports

Health Check

User: joel

Health Check

Create a new report

View reports

Day Scout Report

Select the LeafNode or Nodes you want to check.

Select the test you wish to check. Tests can only be selected from the top of the list down.

	Node Id	Branch Id	Node Type	Column	Street	City
<input type="checkbox"/>	2345676	2939	WIMAC	1	Westland Road	Leeds
<input type="checkbox"/>	2345678	2939	WIMAC	2	Westland Road	Leeds
<input type="checkbox"/>	16830626	2939	WIMAC	1	Westland Road	Leeds

Next

- ☐ 1. Branch comms
- ☐ 2. Node comms
- ☐ 3. Ballast comms
- ☐ 4. Node errors
- ☐ 5. Strike lamp

Back Done

Report name: joel 6 Oct 2010 13:53

2 nodes selected. [Change](#)

Selected checks: [Change](#)

- 1. Branch comms
- 2. Node comms
- 3. Ballast comms
- 4. Node errors
- 5. Strike lamp

Email me when done ☒

[Cancel](#) [OK](#)

[Add more people](#)

As you have to talk to each node individually, a Health Check can take several minutes or more. LeafNut will e-mail you when the tests are finished.

Health Check

User: joel

Health Check

Create a new report

View reports

Day Scout Report

Select the report you want to view and click

View Selected

	Name	Owner	Submitted	Started	Finished
<input type="radio"/>	joel 6 Oct 2010 13:53	joel	2010-10-06 13:59:44	2010-10-06 14:00:48	2010-10-06 14:01:25

1 — Records from 1 to 1 of 1

Edit Selected View Selected

The report shows each node and which tests failed for each node. Column 19 on this check failed to strike the lamp. See Troubleshooting for more information.

	Node Id	Column Id	Branch Id	Branch Comms	Node Comms	Ballast Comms	Node Errors	Strike Lamp
<input type="radio"/>	16807279	20	2506	✓		✓	3	✓
<input type="radio"/>	16807294	16	2506	✓		✓	0	✓
<input type="radio"/>	16807342	41	2506	✓		✓	0	✓
<input type="radio"/>	16807655	19	2506	✓		✓	0	✗
<input type="radio"/>	16807741	17	2506	✓		✓	2	✓

1 — Records from 1 to 2 of 2

Export To CSV

Back Select

Health Check



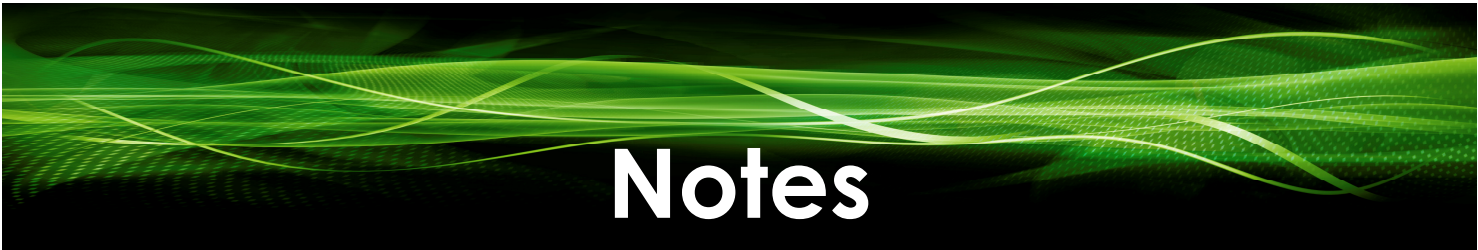
The Day Scout report shows nodes which were on during the previous Sunday afternoon, and columns where communication with the ballast or node was not possible.



Current Day Scout Report

Branch Id	Node Id	Column Id	Street	Status	Via SDP	Timeout	Day Light	Faults	Comms %
3146	3146	4	St Stephen's Road	Ballast: Aged, shutdown	false	false	true	1	100
2213	16793175	2	Unna Way	Ballast: Running 100%	false	false	true	0	100
2213	16793211	3	Unna Way	Ballast: Running 100%	false	false	true	0	99
2213	16792933	4	Unna Way	Ballast: Running 100%	false	false	true	0	100
2213	16793199	5	Unna Way	Ballast: Running 100%	false	false	true	0	99
2213	16786901	6	Unna Way	Ballast: Running 100%	false	false	true	0	99
2213	16786985	7	Unna Way	Ballast: Running 100%	false	false	true	0	100
2213	16792942	8	Unna Way	Ballast: Running 100%	false	false	true	1	99
2213	16793086	9	Unna Way	Ballast: Running 100%	false	false	true	0	100
2213	16786778	10	Unna Way	Ballast: Running 100%	false	false	true	0	99
2213	16793008	11	Unna Way	Ballast: Running 100%	false	false	true	0	99
2213	16793120	12	Unna Way	Ballast: Running 100%	false	false	true	0	100
2213	16789913	13	Unna Way	Ballast: Running 100%	false	false	true	0	99
2213	16789916	14	Unna Way	Ballast: Running 100%	false	false	true	0	99
2213	16793289	15	Unna Way	Ballast: Running 100%	false	false	true	0	99
2213	16793059	16	Unna Way	Ballast: Running 100%	false	false	true	0	100
2213	16786983	17	Unna Way	Ballast: Running 100%	false	false	true	0	99
2213	16789903	18	Unna Way	Ballast: Running 100%	false	false	true	0	99
2213	2213	1	Unna Way	Ballast: Running 100%	false	false	true	0	100
2515	16807339	55	Whitehall Road	Ballast: Strike Failed	false	false	true	0	100
2672	2672	11	Bromley Street	Failed to connect	false	false	false	0	0
2511	16807647	9	Leymoor Road	No Ballast Comms	true	false	true	1	58
2511	16807709	5	Longwood Gate	No Ballast Comms	false	true	true	0	100
2510	16807378	30	Listing Lane	No Ballast Comms	false	true	true	0	99

Ballasts with no comms may need checking.



Notes

Handwriting practice area with 15 sets of dashed lines.



The Interactive Monitor

LeafNut Login

Please login to continue

Username:



Password:

The Interactive Monitor
allows you to directly
communicate with a
BranchNode in real time



Interactive Monitor

Home Logical Group Controller **BranchNode** LeafNode About Logout: joel

	Branch Id	Column	Street	City	Nodes Count	SDP Count	Slot	SDP Support	Active
	2939	1	Westland Road	Leeds	3	0	9		true

Harvard
LeafNut 

Select

Connect

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LeafNut 

The Interactive Monitor

The symbol in the top right shows green when the Interactive Monitor is connected to a BranchNode

The Interactive Monitor shows a snapshot of communications at the time of connection.
IT IS A DIAGNOSIS TOOL NOT A PROBLEM FINDING TOOL.
Use reports to find problems.



Home Logical Group Controller BranchNode **LeafNode** Disconnect About Logout: joel
List BranchNodes View BranchNode Details Manage SDP List Light Level History Solar Clock Data Branch Time Clear All Comm Stats



Colour coded flags show the current status of node comms. Nodes with no comms may show that they think it's dark. So long as they've had comms in the past, they will not be day burning.

Loaded: 26/26 Nodes

Node Id	Node Type	Column Id	Street	% Comms	Eligible to be SDP	Event Count	Comms Via SDP	Ballast Status	Knows Light or Dark
16794129	WIMAC	6	Westland Road	99		0			
16794130	WIMAC	16	Westland Road	98		0			
16794131	WIMAC	9	Westland Road	99		0			
16794133	WIMAC	2	Westland Road	91		0			
16794135	WIMAC	12	Westland Road	87		0			
16794136	WIMAC	1	Westland Road	99		0			
16794137	WIMAC	4	Westland Road	99		0			
16794138	WIMAC	7	Westland Road	99		0			
16794140	WIMAC	13	Westland Road	99		0			
16794142	WIMAC		Westland Road	100		0			
16794115	WIMAC	1	Westland Road	87		0			
16820345	WIMAC	Goose In	Harvard House	99		0			
16794119	WIMAC	1	Westland Square	90		0			
16794118	WIMAC	14	Westland Road	99		0			

If not all nodes are loaded, click the refresh button here until loading completes

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LeafNut

The Interactive Monitor

• Testing a LeafNode

Loaded:  26/26 Nodes

	Node Id	Node Type	Column Id	Street	% Comms	Eligible to be SDP	Event Count	Comms Via SDP	Ballast Status	Knows Light or Dark
<input type="radio"/>	16794129	WIMAC	6	Westland Road	99		0			
<input type="radio"/>	16794130	WIMAC	16	Westland Road	98		0			
<input type="radio"/>	16794131	WIMAC	9	Westland Road	99		0			
<input type="radio"/>	16794133	WIMAC	2	Westland Road	91		0			
<input type="radio"/>	16794135	WIMAC	12	Westland Road	87		0			
<input type="radio"/>	16794136	WIMAC	1	Westland Road	99		0			
<input type="radio"/>	16794137	WIMAC	4	Westland Road	99		0			
<input type="radio"/>	16794138	WIMAC	7	Westland Road	99		0			
<input type="radio"/>	16794140	WIMAC	13	Westland Road	99		0			
<input type="radio"/>	16794142	WIMAC	5	Westland Road	100		0			
<input type="radio"/>	16794115	WIMAC	17	Westland Road	87		0			
<input type="radio"/>	16820345	WIMAC	Goods In	Harvard House	99		0			
<input type="radio"/>	16794119	WIMAC	1	Westland Square	90		0			
<input type="radio"/>	16794118	WIMAC	14	Westland Road	99		0			

Select a node you wish to test.

Select

Home Logical Group Controller BranchNode LeafNode Disconnect About Logout: joel

List LeafNodes Find LeafNode LeafNode Details Test LeafNode Channel Stats Seven Day Profile Event Log

Testing LeafNode: 16794122

Select a new value for the lamp:

☐ Off
☐ 50%
☐ 75%
☐ 100%

Send

Current Lamp Setting

Ballast status: Lamp off.

Lamp Test Status Not Set

Refresh

Refresh the lamp setting data to confirm normal operation or alternatively confer with an engineer on site.

Select and send the state you want the lamp to change to.

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LeafNut

The Interactive Monitor

- Adding an SDP

SDP's – Spacial Diversity Providers can be selected from the Interactive Monitor and take immediate effect. SDP's can help reduce UHF black spots on a Branch.

Home	Logical Group Controller	BranchNode	LeafNode	Disconnect	About	Logout: joel
List LeafNodes	Find LeafNode	LeafNode Details	Test LeafNode	Channel Stats	Seven Day Profile	Event Log



Home	Logical Group Controller	BranchNode	LeafNode	Disconnect	About	Logout: joel
List BranchNodes	View BranchNode Details	Manage SDP List	Light Level History	Solar Clock Data	Branch Time	Clear All Comm Stats



SDP Enabled	Node Id	Node Type	Column Id	Street	City	% Comms
<input type="checkbox"/>	16794124	WIMAC	Bollard Test	Harvard House	Leeds	0.0
<input type="checkbox"/>	16785159	WIMAC	John's Office	Harvard House	Leeds	99.0
<input type="checkbox"/>	16785150	WIMAC	Goods Out	Harvard House	Leeds	99.0
<input type="checkbox"/>	16794136	WIMAC	1	Westland Road	Leeds	99.0
<input type="checkbox"/>	16794133	WIMAC	2	Westland Road	Leeds	95.0
<input type="checkbox"/>	16794120	WIMAC	3	Westland Road	Leeds	98.0
<input type="checkbox"/>	16794137	WIMAC	4	Westland Road	Leeds	99.0
<input type="checkbox"/>	16794142	WIMAC	5	Westland Road	Leeds	99.0
<input type="checkbox"/>	16794129	WIMAC	6	Westland Road	Leeds	98.0
<input type="checkbox"/>	16794138	WIMAC	7	Westland Road	Leeds	98.0
<input type="checkbox"/>	16794125	WIMAC	8	Westland Road	Leeds	87.0

Select the node you wish to act as an SDP. This may take a second or two to process. There is no need to submit changes as this is an immediate action.

The Interactive Monitor

- Node Map (Bolt-on)

The node map provides a live mapped status of your nodes.
This shows the same snapshot as the LeafNode screen, but plotted on a map.
You can add SDP's and view comms history for each node.

Home Logical Group Controller BranchNode **LeafNode** Disconnect About Logout: joel
List LeafNodes Find LeafNode LeafNode Details Test LeafNode Channel Stats Seven Day Profile Event Log



Home Logical Group Controller BranchNode **LeafNode** WiMAC Disconnect About Logout: Joel
List LeafNodes **Node Map** Find LeafNode LeafNode Details Test LeafNode Channel Stats Seven Day Profile
Connected to Node: 100001 Hardware Version: 8 Software Version: 48 Protocol Version: 11 No Node Selected



Mapped Nodes for Branch: 100001

Map Size:
Full Screen ☐
Display Slot Range:
Display ☐
Slot Range Radius:
Range Radius: 0.5km



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LeafNut

Harvard
LeafNut

The Interactive Monitor

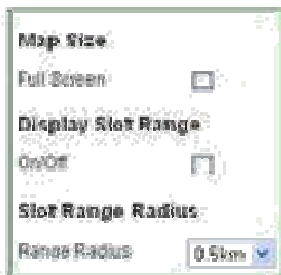
- Node Map pt. 2 (Bolt-on)

Selecting a node will display information about that node. The tools tab allows you to add/remove a node as an SDP.

If you have node location data stored for your nodes, they will be displayed on the map.

Icons shown denote the status of the lamp. All these lamps are shown as ON. A star icon denotes SDP status

Mapped Nodes for Branch: 100001



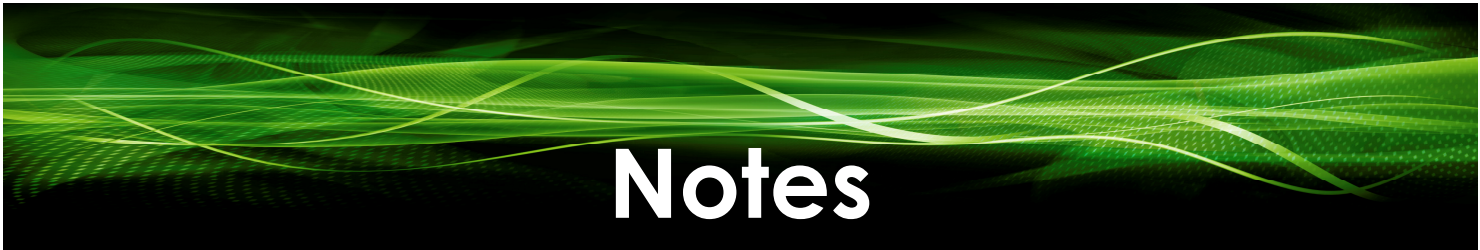
Selecting a branch allows you to change it's slot number in real-time.

The Interactive Monitor

• Hints and Tips

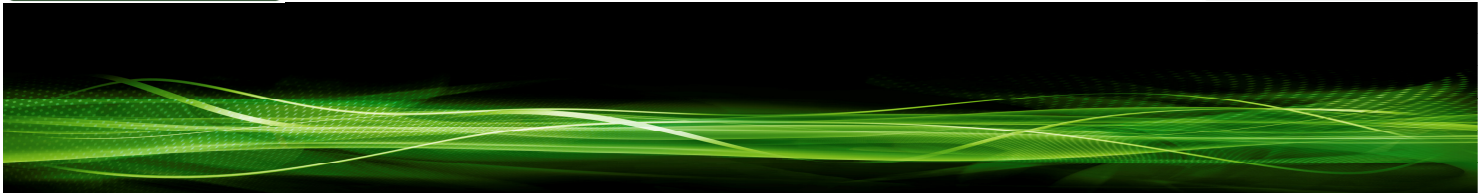


- Always disconnect from the branch when finished to allow other users to communicate with the branch.
- Select SDP's after confirming consistently good communication using comms reports.
- Watch out for Nodes with good comms but displaying a Ballast Timeout. It is likely these lamps are not behaving correctly and need lantern connections checking to resolve.
- Remember, just because a node has low communications stats on the Interactive Monitor, does not necessarily mean it has a problem.
 - Check the reports for the node.
 - Has it ever communicated in the Edit Node page?
 - Does it have good communication stats historically?



Notes

Handwriting practice area consisting of 15 horizontal rows of dashed green lines on a white background.



Reports

There are two basic types of report. Communication reports and Event Reports:

- UHF Comms reports are generated by the Branch when it has not talked to a node in an 18 hour period.
- Event reports are generated by a Ballast/Node during operation.

LeafNut Login

Please login to continue

Username:

Password:



User: joel	▲
Branch History	▲
Event Reports	▼
Hit List	
Hit List by Date	
Current Events	
Events by Date	
Events by LeafNode	
Seven Day Node Summary	
Seven Day Summary	
Inventory Reports	▲
Early Warnings	▲
Power	▲
Communications	▲
Branch Temperature	▲
Audit	▲

Take some time to familiarise yourself with the Event reports. There are various different criteria by which reports can be displayed.

All reports are sortable, searchable and can be exported to CSV format.

Reports

- Reports pt. 2

User: joel	▲
Branch History	▲
Event Reports	▲
Inventory Reports	▼
Abbreviated Inventory	
Inventory	
LeafNode Inventory	
SDP Inventory	
Branch Inventory	
Early Warnings	▲
Power	▲
Communications	▲
Branch Temperature	▲
Audit	▲

Inventory Reports display a list of all the equipment allocated to your Trunk in various forms.

All data is sortable, searchable and can be exported to CSV.

Remember, reports are put on the trunk at 2am every day, so Current Events refer to yesterday!

Communications reports show a full breakdown of communications to each node, as well as communications events and nodes which have not communicated at all in the previous day.

User: joel	▲
Branch History	▲
Event Reports	▲
Inventory Reports	▲
Early Warnings	▲
Power	▲
Communications	▼
Node Communication Stats	
Seven Day Comms Stats	
Communication via SDP	
No UHF Communications	
Node UHF Communications	
Communication Audit	
Branch Temperature	▲
Audit	▲