

# Rees Scientific - System Alarms

The screenshot displays the Rees Scientific monitoring system interface. At the top, the window title is "Node 4: Node 04-Madrid - Rees Monitoring System". The interface includes a menu bar with "Overview", "Inputs/Outputs", "Reports/Graphs", and "Advanced". Below the menu bar is a toolbar with various icons for system management, such as "Open Node", "Close Node", "Edit Node", "Global Options", "Log In", "Show Logins", "View Windows", "Inputs by Number", "Zoom In", "Zoom Out", and "Lower Map".

The main area shows a "System-wide Running Log" table with the following data:

Date/Time	In/Out	Node	Condition	Comment
12/15/2015 - 7:3...		Global Event	Login	No

Below the log, there is a navigation bar with tabs for different nodes: "Node 4: Node 04-Madrid", "Node 6: Node 06-Indianapolis", "Node 15: Node 15-Honolulu", "Node 14: Node 14-Portland", "Node 13: Node 13-Boise", "Node 12: Node 12-Daytona", and "Node 10: Node 10-Leeds".

The central part of the interface shows a detailed floor plan of a building. Numerous nodes are represented by green circles with numbers. A red oval highlights nodes 130, 131, 132, 133, 134, and 135, which are located in a lower section of the floor plan. Other nodes are numbered 1 through 26, distributed across the main floor plan.

The Rees Scientific logo is visible in the bottom right corner of the interface. The Windows taskbar at the bottom shows the system time as 7:36 AM and the date as 12/15/2015.

# Rees Scientific - System Alarms

## *Power Monitoring Alarm*



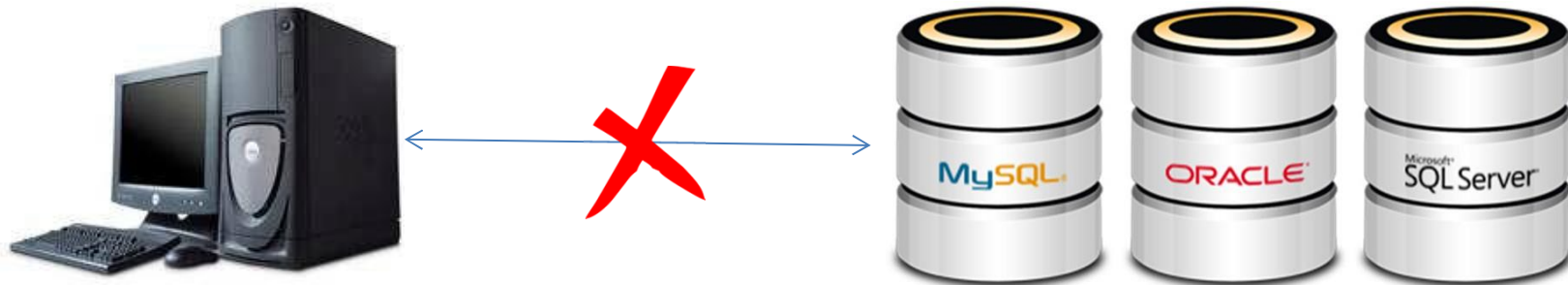
129

Node Power Sensor  
Power is off  
Status: In Alarm

Input 129- Power Alarm: Monitors power to the Nodes. When this input goes into alarm it is indicating that the system is running on back-up power. Depending on your specific set up this may or may not be of immediate concern

# Rees Scientific - System Alarms

## *Database Alarm*



130

DatabaseWatch  
Status: In Alarm

Input 130- Database Watch Alarm: Monitors the Node's connectivity to the Database where all programming and historical data is stored. While the database is inaccessible , the system will continue to function normally but may not be available (except by phone) until database connectivity is restored.

# Rees Scientific - System Alarms

## *BuddyWatch Alarm*



**Node #1**



**Node #2**

**131**

BuddyWatch: Node 2  
Node 02 - NIH  
Status: In Alarm

Input 131-Buddy Watch : The buddy watch input watches the status of the next node above it numerically (ie. Node 1 watches Node 2, etc). The highest numerical node in the database watches the lowest numerical node in the database . If a node does not report in for approximately 3 minutes, the Buddy Watch monitoring that node will go into alarm. This is a serious indication of an alarm that requires immediate attention. This may also be an indication of a problem with telephone dial out function.

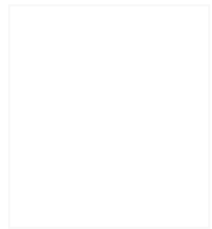
# Comm Watch Alarm



**Node #1**



**Inputs 1-16**



**132**

MPX1 CommWatch  
Status: In Alarm

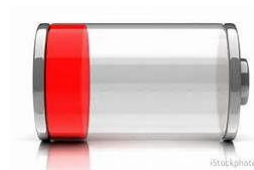
Input 132- MPX 1 Com Watch- This input watches communication between the node and the MPX panel. It also watches communication between the MPX panel and its associated inputs (i.e. MPX1=inputs 1-16, MPX2 = inputs 17-32, etc.). Any interruption in communications with said panel or associated input will trip this alarm. Clicking on the icon within our Client Workstation software will tell you exactly which input(s) is/are effected . Offline inputs will be displayed with a brown colored icon. Any inputs in an offline state will trigger the respective Comm Watch input. This should be treated as a serious and critical alarm.

**\*\*\*This applies to points 132, 134, 136, 138, 140, 142, 144 & 146\*\*\***

# Battery Watch Alarm



Node #1



MPX Panel #1  
Inputs 1-16

133

MPX1 BatteryWatch  
Status: In Alarm 1,3,4

Input 133- MPX 1 Battery Watch- This input watches the transmitter battery voltage. The Z3 transmitter will most likely last a few days yet before the battery dies completely. This alarm should be addressed quickly but is not typically a dire emergency.

**\*\*\*This applies to points 133, 135, 137, 139, 141, 143, 145 & 147\*\*\***