

Configuring for serial output

The Baud rate settings set out below must be matched in the Nexus Cloud Platform

Setup > Despatch > Serial Settings

Enable Serial Port

Baud 9600

Data Bits/Parity 8 Data Bits, No Parity

The screenshot shows the 'Serial Settings' configuration page in the Nexus Cloud Platform. The page has a navigation bar with tabs for Status, Activity Monitor, Datalog, Search, and Setup. Below the navigation bar is a breadcrumb trail: System > LAN > Time > Device Settings > Communications > Despatch > I/O > Command. The main content area is divided into two columns. The left column, titled 'Serial Settings', contains the following configuration options: 'Enable Serial Port' (checked), 'Honour CTS' (unchecked), 'Invert CTS' (unchecked), 'BAUD' (9600), 'Data Bits/Parity' (8 Data Bits, No Parity), '2 Stop Bits' (unchecked), and 'CTS Timeout (Secs)' (0). A 'Save' button is located at the bottom left of this column. The right column, titled 'Other Settings', contains links for 'Despatch Settings' and 'Serial Settings'. Below this is a 'Tools' section with a 'Test Message' link, and an 'Additional Info' section with a paragraph of text: 'These settings control the on-board RS232 Serial Port which is used to send data to a third party Receiving Device such as a Pager Transmitter.'

Address - Add the address of the callpoints in the fields. Selecting "0" To "0" will cover all callpoints

Event - As a minimum select 128 -129 - You can select every event so we capture all events from the nursecall.

Despatch Type - Serial

Repeat - Add the amount of seconds to resend the alert if not reset at call point

Auto Cancel Repeats > Enable

Despatch Entry

STEP 1: Event Matching

	From:	To:	
Address	<input type="text" value="1"/>	<input type="text" value="250"/>	
User	<input type="text" value="0"/>	<input type="text" value="0"/>	
Event	<input type="text" value="128: Reset"/>	<input type="text" value="139: Priority"/>	Except <input type="checkbox"/>
Day/Night Mode	<input type="text" value="Any"/>		

STEP 2: Event Despatching

Despatch Type	<input type="text" value="Serial"/>
Repeat every (Secs)	<input type="text" value="120"/>
Auto Cancel Repeats	<input checked="" type="checkbox"/>
Auto Cancel Outputs	<input checked="" type="checkbox"/>

[Edit Details](#)

Additional Info

You must perform a reboot in order for changes to take effect.

This screen deals with how an incoming event is manipulated before being despatched to one of the output types. To simplify the process, we have divided the process into four steps; Incoming Event, Change Event, Process Event and Accept Event. A zero in any field indicates all or any.

Step 1 Incoming Event.

Address: Limit reception of events to the following device address(es) on the specified system(s) Enter 0 for any Address.

User: Limit reception of events to the

Use a serial program such as putty to test the connection and that you are getting the output for all events specified above.

System Settings

Data Mode	1 Event, 1 User ▾
Alarm - Night Mode	<input checked="" type="checkbox"/>
Allow Staff Present	<input type="checkbox"/>
Enable Call Follower Sounder	<input type="checkbox"/>
Staff Present Expiry	<input type="checkbox"/>
Show User ID	<input type="checkbox"/>
Show Lost Units	<input type="checkbox"/>
Legacy 215 Address Mode	<input type="checkbox"/>
Legacy Visit Mode	<input type="checkbox"/>
Legacy User Mode	<input type="checkbox"/>
Timer Setting	Acc: 2:00 Pri: 3:30 ▾
Setup Password	<input type="text" value="lismore"/>
Enable Debug Trace	<input checked="" type="checkbox"/>

Other Settings

- [System Settings](#)
- [Day/Night Alarm Schedule](#)

Additional Info

Data Mode: Legacy mode is 1 Event, 1 User for up to 250 User Id's, select 1 Event, 2 User for up to 65000 User Id's. **You must perform a reboot in order for mode changes to take effect.**

Warning:

Incorrect Data Mode settings may damage network devices.

Show Lost Devices: Enable the display to show and sound for faulty call points which are not responding

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