

FAQ Nx70 - Base station events

Introduction

This page displays counters for diagnostic purposes relating to various events that affect the base stations, e.g. active radio connections, handovers, unexpectedly terminated connections, etc.

In the web-interface go to: **STATUS - Statistics -Base stations**

Valid for:

The screenshot shows the Gigaset N870 IP PRO web interface. The top navigation bar includes 'SETTINGS', 'STATUS', 'Help', and 'Logout'. The left sidebar contains 'Overview', 'Statistics', 'Base stations', and 'Incidents'. The main content area is titled 'Base stations' and features a filter section with 'Choose column', 'Condition', 'Filter', and 'Clear' buttons, along with a 'View' button. Below this, there are several expandable sections for DECT Manager and Cluster 2. The Cluster 2 section is expanded to show a table of base stations with columns for MAC address, RPN, Sync RPN, Sync Level, Conn, and Ho set.

	MAC address	RPN	Sync RPN	Sync Level	Conn	Ho set
Base station: 2401_6_Nord	7c2f80c6e3c6	136	136	3	4	0
Base station: 2401_5_Mitte	7c2f80c6e446	131	131	1	155	0
Base station: 2401-4-Nord	7c2f80c6e4f2	130	130	3	309	0
Base station: 2401_6_Süd_	7c2f80c6e590	132	146	4	6	1
Base station: 2401_4_Mitte	7c2f80c72f55	134	131	2	694	0
Base station: 2401_6_Mitte	7c2f80c72ff0	140	255	2	0	0
Base station: 2401_5_Nord	7c2f80c73262	144	131	3	22	0
Base station: 2401_5_Süd	7c2f80c73267	146	131	3	59	0

The following information is given: *If you do not see columns mentioned below, it could be related that you need a newer software version.*

Feature	Description
DECT Manager	Name of the DECT manager responsible for the base stations, period of time during which the events have been collected, total number of missed calls of all managed base stations within the given time period. <ul style="list-style-type: none"> Click on "+" next to the DECT Manager entry to display the clusters of the DECT manager. Note: The symbol "!" next to the DECT manager name indicates that there could be a situation which requires attention.
Missed Calls	Count calls, that do not reach a handset on DECT air interface and so point to DECT air interface or coverage problems. A call to a switched off handset should not be logged as potential coverage problem. It is user intended behavior, that this handset did not receive the call. As an example, remove the battery of an handset and then call this handset. The counter will increase. (Handset is not nicely turned off but hard power cut is done)
Cluster	Cluster number, summary of the collected events for all cluster base stations. <ul style="list-style-type: none"> Click on "+" next to the Cluster entry to display the base stations of the cluster.
Base station	Name of the base station
<i>Some of the following information may be hidden. Use the View option menu to display the desired columns.</i>	
MAC address	MAC address of the base station
RPN	Radio Fixed Part Number, identifying the radio-entity
Sync RPN	RPN of the other base station the base station is synchronising with
Sync Level	Synchronisation level
Conn	Number of connections, i.e. calls made
Ho setup	Number of incoming handovers
Ho release	Number of outgoing handovers
Call drops	Number of lost connections, i.e. interrupted calls
Async	How often the base station has lost on-air DECT synchronisation
Busy	How often the maximum number of possible connections of the module was achieved. The base station has entered busy-state and pointed to other modules for load balancing.
Conn. drops	How often the LAN connection to the base station was interrupted
Calls	Active calls
Calls-pk	Peak calls
Sync swaps	Synchronization swaps
q-idx-lt	Lan sync quality
0-thr-exc	PTP offset threshold exceeded
d-thr-exc	DLS offset threshold exceeded

You can export this information into a CSV file.