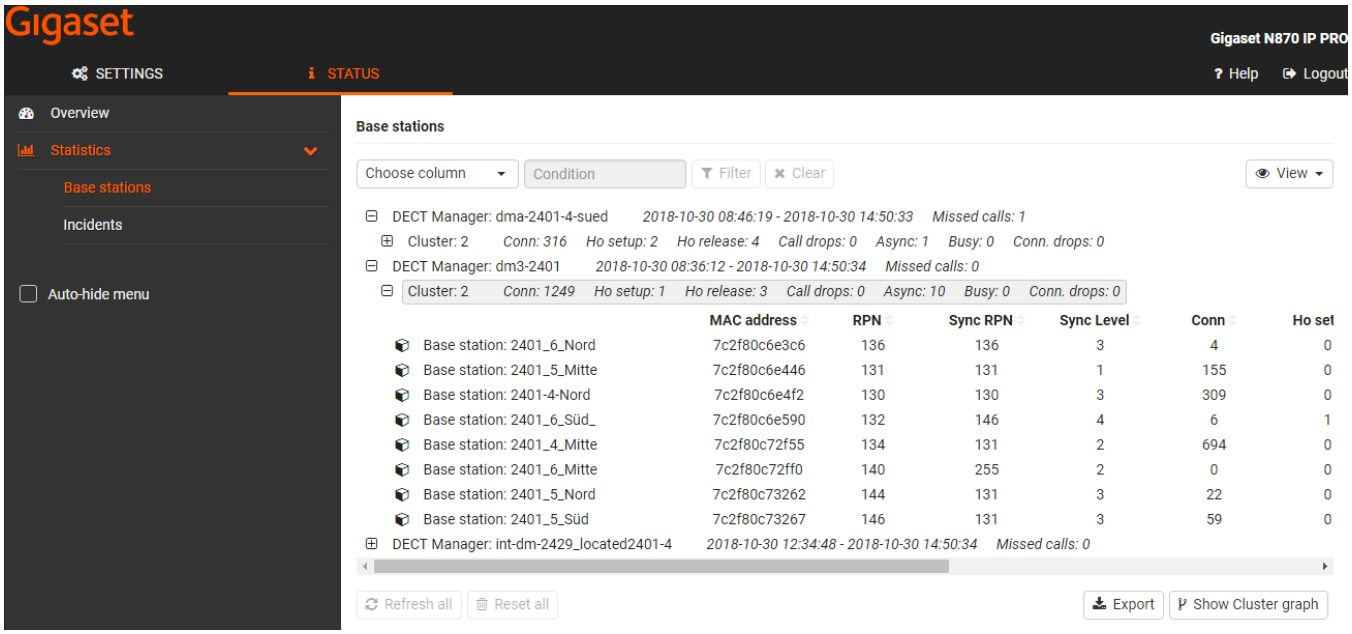
FAQ - Base station events

Valid for:	N610	N670	N870	N870E	Embedded Integrator	Virtual Integrator

Valid for N610 / N670 / N870 / N870E

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**



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. • 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) A short call to a handset and then caller disconnects is not an missed call. A valid missed call is the handset is called, the caller hears a ringing tone. After around 3 ring signals, the handset can not be reached and the caller get's a busy tone, the counter in increased.
Cluster	Cluster number, summary of the collected events for all cluster base stations. • Click on "**+**" next to the **Cluster** entry to display the base stations of the cluster.
Base station	Name of the base station
Some of the following information may be hidden. Use the View option menu to display the desired columns.	
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.