FAQ - DECT Manager Synchronization

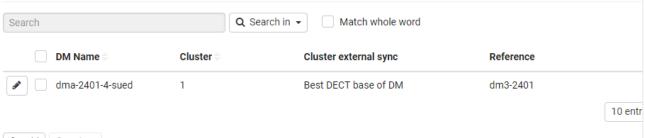| **Valid for:**	~~N610~~	~~N670~~	~~N870~~	~~N870E~~	Embedded Integrator	Virtual Integrator

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DECT manager synchronization

This page allows you to configure external synchronization references for synchronization clusters of your DECT managers. This way you could configure inter DECT manager synchronization rules, to get base stations of multiple DECT managers in sync. Cluster-internal synchronization is defined via base station synchronization.

A cluster can synchronise to a cluster-external source, for example:

- The best base station of another cluster within the same multicell system. Best means the base station with the strongest radio signal.
- An external DECT system referenced by its RFPI. RFPI is a unique identifier for a DECT system. You can enter a full matching RFPI to reference a specific base station or a part of an RFPI in order to reference a group of base stations.
- The LAN master of a DECT manager.

DECT manager synchronisation

	Search	Q Search in ▾	☐ Match whole word

	☐	**DM Name** ⇕	**Cluster** ⇕	**Cluster external sync**	**Reference**
✏	☐	dma-2401-4-sued	1	Best DECT base of DM	dm3-2401

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+ Add   🗑 Delete

Parameter	Description
DM Name	Name of the DECT manager in the multicell system.
Cluster	Cluster number of the DECT manager to which the synchronization setting applies.
Cluster external sync	Indicates how the cluster is synchronized: • **No external sync** Level 1 base of the cluster will only synchronise internally. • **Best DECT base of DM** Level 1 base of the cluster will synchronise with the best accessible base station of the DECT manager shown in the Reference column, regardless of the cluster. • **Ext RFPI xxx** Level 1 base of the cluster will synchronise with another DECT system referenced by the RFPI shown in the Reference column. Different RFPI matching levels are possible, e.g., Ext RFPI (full match), Ext RFPI (-1 match), Ext RFPI (-2 match), ... • **LAN Master of DM** Level 1 base of the cluster will synchronise with the LAN master of the DECT manager shown in the Reference column.
Reference	Reference to the synchronizing external DECT system. In case of **Best DECT base of DM** and **LAN Master of DM** the DECT manager identifier. In case of **Ext RFPI xxx** the RFPI or a part of an RFPI.

Example:

For external sync, the level 1 of the cluster must be able to see the other cluster (Best base).

In the example below, we normally would set for RPN 1, level 1 in the middle to get as less as Sync Levels as possible. But as RPN 1, Level 1 needs to see a base of RPN3, we have selected an Base station that is in the range of RPN 3. This base is now defined as Level 1.

The same is valid for RPN 2, that needs to be in range of RPN 3.

RPN 1

Level 1

RPN 2

RPN 3