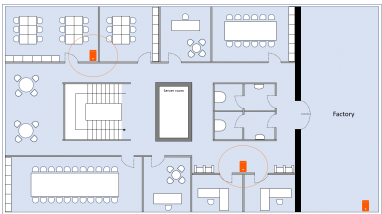


Example 1: Small/Medium system with Pure LAN or DECT-LAN mixed synchronisation

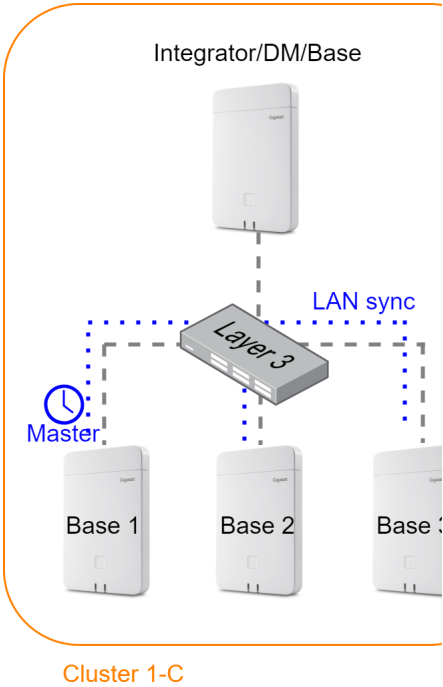
Here are some example scenarios.

- 1. The customer environment blocks the DECT signal between the Office and the Factory
- 2. DECT synchronisation can't be used between the Office and the Factory



Pure LAN synchronisation.

- 1. Cluster 1-c is created to insure handover, roaming and load balancing
- 2. One device is configured as LAN master
- 3. The other DECT base stations are configured as Sync slave LAN
- 4. DECT level has no relevance for pure LAN synchronisation
- 5. Handover and roaming is possible within the whole DECT environment
- 6. That LAN sync is used, does not mean that DECT signal range is not important



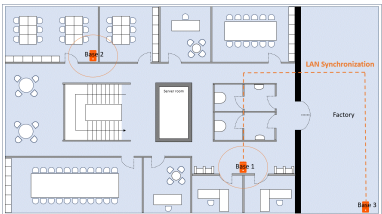
DECT system configuration

Base station synchronisation

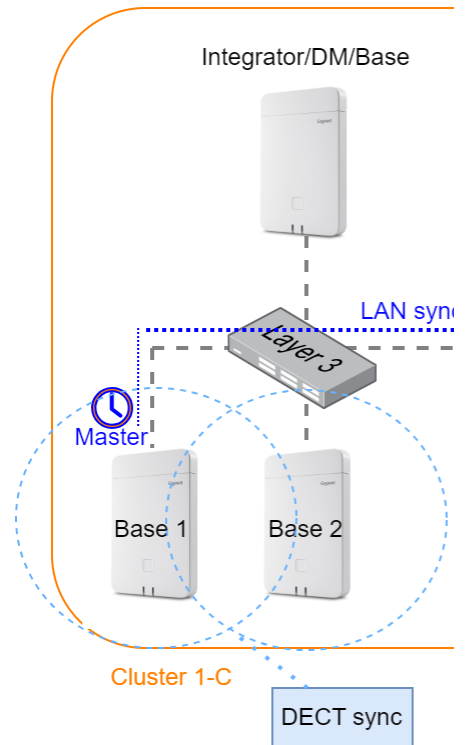
<input type="text" value="Search"/>		<input type="button" value="Q Search in"/>	<input type="checkbox"/> Match whole word	<input type="button" value="View"/>			
MAC address	Base station	Cluster	Sync Level	LAN Master	Sync Slave	Status	Reference
7c2f80c6e5c2	LocalBS	1-c	1	<input checked="" type="checkbox"/>		Sync	1 local.1-c
589ec60d8c73	Base2	1-c	2	<input type="checkbox"/>	LAN	Sync	L local.1-c
7c2f80e0d6d7	Base3	1-c	2	<input type="checkbox"/>	LAN	Sync	L local.1-c

DECT-LAN Mixed.

- 1. Use such a configuration, if your environment is mainly able to synchronize via DECT but there are particular circumstances which cannot always guarantee reliable DECT synchronisation, e.g., a passage through a fire door
- 2. Cluster 1-c is created to insure handover, roaming and load balancing
- 3. Base station 1 in the center is DECT level 1 to reduce the amount of sync levels
- 4. Base 1 with DECT level 1 is configured as LAN master
- 5. For each base lower than the LAN master you can individually decide whether it should be synchronised via DECT or LAN



6. Base 2 is synchronised via DECT and has DECT sync level 2
7. Base 3 is synchronised via LAN



DECT system configuration

Base station synchronisation

Search

Q Search in

☐ Match whole word

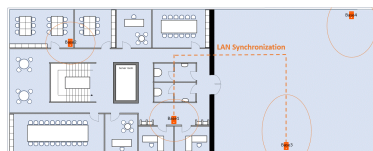
View

MAC address	Base station	Cluster	Sync Level	LAN Master	Sync Slave	Status	Reference
7c2f80c6e5c2	LocalBS	1-c	1	<input checked="" type="checkbox"/>		Sync	1 local.1-c
589ec60d8c73	Base2	1-c	2	<input type="checkbox"/>	DECT	Sync	D local.1-c
7c2f80e0d6d7	Base3	1-c	2	<input type="checkbox"/>	LAN	Sync	L local.1-c

DECT-LAN-DECT Mixed.

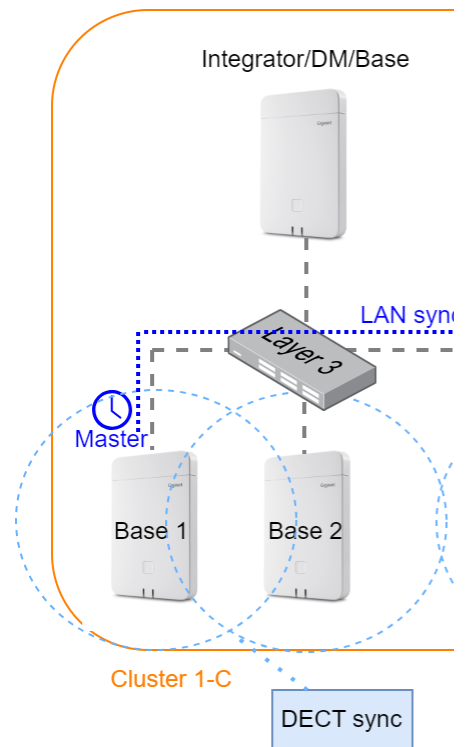
Solving the blocked DECT synchronization to the DECT bases in the factory with LAN synchronization gives you the possibility to:

- Configure the DECT bases using LAN sync
- Configure the DECT bases using DECT sync



Here an example that the DECT synchronisation in the factory is using DECT sync.

1. Base 1 is the LAN master and DECT Sync level 1
2. Base 2 is synchronised via DECT and has DECT sync level 2
3. Base 3 is synchronised via LAN and has DECT sync level 2
4. Base 4 is synchronised via DECT to Base 3 and has DECT sync level 3 (Sync level must be higher than Base 3)



DECT system configuration

Base station synchronisation

Search		Q Search in ▾	<input type="checkbox"/> Match whole word		View ▾		
MAC address ▾	Base station	Cluster ▾	Sync Level ▲	LAN Master ▾	Sync Slave ▾	Status ▾	Reference ▾
589ec60d90ca	Base1 ↗	1-c ▾	1 ▾	<input checked="" type="checkbox"/>		Sync	1 local.1-c
589ec60d8c73	Base2 ↗	1-c ▾	2 ▾	<input type="checkbox"/>	DECT ▾	Sync	D local.1-c
7c2f80e0d6d7	Base3 ↗	1-c ▾	2 ▾	<input type="checkbox"/>	LAN ▾	Sync	L local.1-c
589ec66b38cb	Base4 ↗	1-c ▾	3 ▾	<input type="checkbox"/>	DECT ▾	Sync	D local.1-c