

FAQ Nx70 - Integrator

Valid for: **N670** **N870**

Introduction

The Integrator is available in 2 versions.

1. **Virtual integrator** on a virtual machine
 - a. Software \geq 2.33:
 - i. Up to 100 DECT Managers (N870 and/or N670 with N670 UPGRADE TO N870 FEATURE LEVEL license)
 - ii. Up to 300 N670 single/mini-multi cell devices (Central management functionality only - Roaming and handover between DECT managers is not supported)
 - b. Software \leq 2.29.1:
 - i. Up to 100 N870 DECT Managers can be used.
 - c. Per multi-cell DECT manager up to 60 base stations can be managed, 6000 in total.
 - d. Up to 20000 handsets can be registered.
2. **N870 with role integrator only**
 - a. Software \geq 2.33:
 - i. Up to 4 DECT Managers (N870 and/or N670 with N670 UPGRADE TO N870 FEATURE LEVEL license)
 - ii. Up to 20 N670 single/mini-multi cell devices (Central management functionality only - Roaming and handover between DECT managers is not supported)
 - b. Software \leq 2.29.1:
 - i. Up to 4 N870 DECT Managers can be used.
 - c. Per multi-cell DECT manager up to 60 base stations can be managed, 240 in total.
 - d. Up to 800 handsets can be registered.

An Integrator is needed when:

- Size of the system $>$ 250 handsets.
- You need more than 60 DECT base stations.
- You want to manage more than one DECT manager on the same or different locations via one web-interface.
- You want to roam with the DECT handsets between multiple DECT managers/locations (N670 single/mini-multi cell excluded).

Virtual integrator

Hardware:

Minimal:

- a. CPU: 1 x 1 GHz
- b. Memory: 256 - 512 MB
- c. Hard disk 1: SSD 1 GB
- d. Hard disk 2: SSD 1 GB

Recommended:

- a. CPUs: 2 x 1 GHz
- b. Memory: 512 - 1 GB
- c. Hard disk 1: SSD 5 GB
- d. Hard disk 2: SSD 5 GB

Software:

The Virtual integrator will be offered as:

- *.zip archive consisting of one *.vmx file specifying the virtual machine configuration and some virtual disk images (*.vmdk) for this virtual machine.

or

- *.ova file, into which the VM configuration and the virtual disk-images files are compiled.

The virtual integrator is designed for and tested with VM Sphere ESXi (Versions 5.5, 6.0 and 6.5). With its lower requirements, the virtual integrator appliance might be supported by many other hypervisor solutions, which are not mentioned here.

Capacity software 2.33 or higher:

- DECT Managers (N870 and/or N670 with N670 UPGRADE TO N870 FEATURE LEVEL license): up to 100
- N670 single/mini-multi cell devices: up to 300 (Central management functionality only - Roaming and handover between DECT managers is not supported)
- DECT Base stations: up to 6000
- DECT Handsets: up to 20000

License:

- Virtual Integrator license is needed.
- For each DECT manager, a license is needed.

Installation:

The installation is described here: [FAQ - Virtual Integrator how to configure](#).

Embedded integrator

Hardware:

The N870 device can be switched via the role switch to Integrator only.

Software:

Uses the normal N870 software. (>=2.33.0)

Capacity:

- DECT Managers (N870 and/or N670 with N670 UPGRADE TO N870 FEATURE LEVEL license): up to 4
- N670 single/mini-multi cell devices: up to 20 (Central management functionality only - Roaming and handover between DECT managers is not supported)
- DECT Handsets: up to 800

License:

- For each DECT manager, a license is needed.

Installation:

Change role of device to Integrator only see: [FAQ Nx70 - Reboot and Reset to factory default](#)