

## MINIMUM NETWORK REQUIREMENTS

### Network devices configuration

- MH201 with a static IP address is recommended, and becomes mandatory for more than 100 rooms
- PC with HotelSupervisionServer installed, with a static IP address
- PC with HotelSupervisionClient installed, with or without a static IP address
- (if using a dynamic IP, a DHCP server is required to assign IP addresses, and it must be on the same network as the devices)
- If using DHCP, reserve an address pool and assign it to devices with dynamic IPs. Devices with static IPs must be outside this pool.
- The IP addresses of devices and PCs belonging to the Hotel SCS network must share the same network address:

e.g., 192.168.1.\* (\* indicates the host number. In this example, all values from 1 to 254 are allowed)

- The first address of the network (all bits of the host part = 0) is reserved to identify the network itself
- The last address (all bits of the host part = 1) is reserved for broadcast.
- Private IP addresses (e.g. 192.168.x.x, 10.x.x.x, 172.16.x.x – 172.31.x.x) are used for local networks.

### Type of LAN network

- ALL network devices belonging to the Hotel SCS network (MH201, server PC, and client PC) MUST be installed on the same VLAN.
- The VLAN network must therefore be isolated from other services used in the facility, such as streaming multimedia systems, CCTV, or guest Internet service.

### Bandwidth of the LAN

10–15 Mbit/s (~70–100 Kbit/s per room) of minimum guaranteed bandwidth.

## MINIMUM PC REQUIREMENTS

*For hotels with < 20 rooms*

- Operating system: Windows 11 (64 bits)
- **Supervision Server:**
  - Processor: Intel Core i5 or equivalent (multicore x64, minimum 2.5 GHz)
  - RAM: 8 GB
- **Hotel Supervision:**
  - Processor: Intel Core i3 or equivalent (multicore x64, minimum 2.5 GHz)
  - RAM: 8 GB
- SSD driver: 2 GB available
- Display 1366 x 768, recommended 1920 x 1080

*For hotels with a number of rooms between 20 and 150*

- Operating system: Windows 11 (64 bits)
- **Supervision Server:**
  - Processor: Intel Core i7 or equivalent (multicore x64, minimum 2.5 GHz)
  - RAM: minimum 8 GB (recommended 16 GB)
- **Hotel Supervision:**
  - Processor: Intel Core i5 or equivalent (multicore x64, minimum 2.5 GHz)
  - RAM: minimum 8 GB (recommended 16 GB)
- SSD driver: 2 GB available
- Display 1366 x 768, recommended 1920 x 1080

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