

Hotel Management with AVEbus & Hub: the intelligent evolution of hospitality

The integration between the AVE wired system and the new intelligent HUB transforms hotel management into a fluid, scalable (up to 240 rooms), and centralised experience via AVE Cloud.

The evolution of contemporary hospitality finds a concrete answer in the **AVEbus & Hub** ecosystem, an architecture by AVE that centralizes **building automation and access control** in a single interface. This interface is developed to offer total supervision of the hotel, ensuring personnel have fluid management both locally and remotely via **AVE Cloud**.

The technological core of the AVE proposal is the **new intelligent HUB (code 53WBS-HUB)**, which acts as a web server concentrator for special technological systems, offering:

- **Complete Supervision:** the Hub centralises information and exports the graphical client to a web-app, allowing supervision of the hotel system from any browser.
- **Extended Scalability:** the system is capable of centrally managing up to a maximum of **16 web servers** (each with supervision capacity for up to 15 rooms) for a total of **240 rooms**.
- **Control extension** on **DALI2** protocols and **VRV/VRF** systems: it allows for the precise optimisation of lighting and air conditioning, while simultaneously reducing energy waste and management costs.
- **Extension of the Fast Check-in functionality**, supported by external readers and AVEbus keypads, offers **advanced access** and immediate entry for the guest.

The **AVEbus & Hub** ecosystem is therefore a flexible solution, combining reliability and ease of use for managers with an **autonomous and cutting-edge guest experience**, managing every single phase, from entry into the hotel to the automatic personalisation of in-room comfort. This system is also enhanced by the excellence of **Made in Italy design**: the front plates, totally customisable and coordinated with the AVE wiring accessories, offer aesthetic solutions designed to meet the various international standards of hospitality.

AVEbus & Hub: excellence in intelligent hotel management.

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