



Market Segment:  
**Hospitality**

Country of installation:  
**Dubai**

Year of Installation:  
**2021**

End customer:  
**The Avani Hotel**

System Integrator:  
**Al Yousuf Computer &  
Telecommunications (L.L.C.)**

Solutions:  
**Background music (BGM) and  
live paging. Public Address.**

Key Products:  
**VIPEDIA-12-PRO,  
V400 Amplifier, Wall Mount  
Controller, V2000 Power  
Amplifier, MPS**

## Hotel Avani

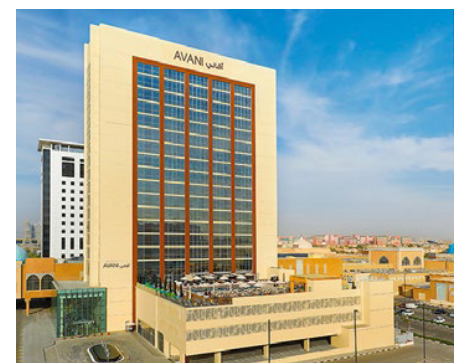
### The Requirement

The Avani Hotel, renowned for its comfort and connections, is situated in the heart of Dubai next to the famous Ibn Battuta Mall. Seeking to improve the audio experience for guests, the hotel commissioned a professional distributed AV system to provide zonal background music (BGM) and live paging coverage across the building's fifteen floors. The upgrade, designed in partnership with audio-visual integrator Al Yousuf Computer & Telecommunications (L.L.C.), needed to harness the latest streaming and audio technologies to deliver a system capable of meeting these demands. The brief also specified simple volume control and channel selection across the designated zones, controlled both centrally and locally via local IP-connected wall-mount controllers. It was also essential that the audio system could be used for Public Address (PA) purposes.

### The solution

Behind the scenes are two distributed racks, both equipped with VIPEDIA-12-PRO's, connected utilising the

building's existing LAN infrastructure. These Dante-enabled audio controllers offer low latency, high-quality BGM and simple integration with the 3rd party audio server, streaming on-demand playlists over Dante IP. Additionally, a cost-effective mix of V2000 and V400 amplifiers efficiently drive the hundreds of 100V loudspeakers installed across the site. A VIPA-WS Touch-screen controller was deployed centrally to provide the overarching control and live paging, with the benefit of emergency monitoring and message scheduling. This was supplemented by local control provided by the WMC-01 IP-enabled wall-mount controller, enabling staff to select audio sources and further adjust levels via an intuitive interface.



## The Result

Zenitel, with the help of Al Yousuf Computer & Telecommunications (L.L.C.), successfully delivered a solution that met all requirements. Hotel Avani now possesses a state-of-the-art AV system where the overall quality and distribution of sound is

excellent. Dante compatibility makes the system flexible providing the system maintainers with a powerful yet recognisable interface, which in time could be easily ramped to meet the growing demands of the hotel. Simple control touchpoints ensure that the system can be easily adjusted, changing the atmosphere according to

the time of day. Furthermore, the client benefits from the added redundancy, reliability and self-diagnostics usually associated with high-end emergency audio systems, simplifying future maintenance and lowering whole life costs.



Dante compatibility makes the system flexible and easy to use, whilst supporting the integration of new LAN-based devices in the future.

## Why Zenitel?

Zenitel is well positioned to drive the future of intelligent critical communication solutions. Through our portfolio of IP products and solutions, with built-in intelligence and a focus on cybersecurity, we provide organisations with superior, scalable security and flexibility. Zenitel is the proven, preferred choice for environments requiring crystal-clear audio to ensure the protection of human life, property, assets and the management of critical activities. With interoperability at all levels, we seamlessly integrate with access control, video management and security platforms-