Al Habtoor Polo Resort & Club

The requirement

The Al Habtoor Polo Resort & Club, described as an 'oasis of excellence and uncompromising luxury', is a polo and equestrian community located in the centre of Dubailand. To elevate the experience further, the resort required an audio solution to match its stunning aesthetic. The upgrade, designed in partnership with Master Systems Integrator, Waseela, required a zoned, distributed background music system (BGM) connected via the building's existing local area network (LAN). The brief also specified the need for synchronized local and central control of source selection and volume, accomplished through elegant wall controllers with an intuitive interface.

Summary

Application: Background music
Product: VIPEDIA-12-PRO, V2000 Power Amplifier, Wall Mount Controller
Country: Dubai

The solution

The solution consists of seven distributed audio equipment racks, connected utilising the building's existing LAN infrastructure. Each rack is equipped with a dedicated DSP controller - ASL's Dante compatible VIPEDIA-12-PRO.

A central rack houses the music server and provides input to the local DSP controller. This signal is streamed over Dante to the distributed racks, where it is routed dynamically across the 16 separate PA zones. Routing to these zones can be controlled centrally via the touch screen VIPA-WS PC or locally PoE powered WMC01 wall panels. Each zone has been fitted with high-performance ceiling and surface mounted loudspeakers to match the quality and wide frequency response of ASL' VIPEDIA DSP.

Furthermore, the inclusion of ASL's powerful but compact 100V line V2000 amplifier range saves precious cabinet real-estate whilst providing modularity. This helps to save upfront costs and reduces operational costs by not supplying surplus equipment. Additionally, in the unlikely event of a failure, the hot swap amplifier standby will automatically take over and the faulty amplifier card can then be replaced without turning off the system.

The result

ASL and Waseela delivered a quality system that fulfils the requirements and improves the user experience, providing intuitive control over media selection and playback volumes across whole the site. Significantly, no physical modifications to the building's existing IP infrastructure were required in order to network the system, which expedited the integration, and kept installation costs down. Moreover, the V2000's novel amplifier and power supply design combined with an innovative auto-sleep feature delivers efficient low quiescent power consumption, without compromising on audio performance. This helps to further drive down ongoing whole life costs, subsequently leading to measurable reductions in the system's carbon footprint.

> Thanks to ASL's robust system, the resort now has a distributed audio network, accommodating for variation in media playback levels and selection across 16 zones.