

DEFYING CONVENTION: INTEGRATION THAT EXCEEDS EXPECTATIONS

“Honeywell has proved to be an excellent partner on our journey to get a convention center that is contemporary and relevant for the next 15 years.”

Arun Madhok, CEO
Suntec Singapore

Case Study





A dynamic, world-class venue located at the heart of Asia's meetings, conventions and exhibitions hub, Suntec Singapore International Convention and Exhibition Centre required a technology roadmap to 2025 to ensure interoperability, scalability and flexibility for the future. Honeywell developed a Master Systems Integrator (MSI) and creatively deployed technology to help Suntec realize their vision.

The Needs

Scalable, flexible and future-proof technology roadmap

Technology that enhances the customer experience

Integrated, streamlined security solution

Dynamic, energy-efficient audiovisual solution that provides a strong return on investment

The Solution

Honeywell designed a Master Systems Integrator (MSI) approach that ensured seamless delivery of Suntec's workflow and portfolio of solutions, with all sub-systems tied together via the Honeywell Enterprise Building Integrator (EBI).

An Integrated Building Management System (IBMS) was employed to manage Suntec's portfolio of solutions, including access control with a keyless, one-card-fits-all approach, Closed Circuit Television (CCTV) with advanced analytics and a Business Operations Center that leveraged a video wall for centralized monitoring and control.

A collaboration portal was designed to give prospective customers full control over the planning of their event using 2D and 3D floor planner models, access to menus, audio, climate control, visual options and more.

A high-impact audiovisual solution was employed, comprised of 55 interactive visual displays, digital meeting room signage and large indoor and outdoor screens. The Big Picture—the world's largest high-definition video wall—has interactive features that display specialized content alongside riders on the escalators. The audio system delivers any source to any location and is divisible over multiple rooms simultaneously.

An Information Technology and networking solution was installed, consisting of an advanced Wi-Fi® network, voice PABX with telephony and walkie-talkie with Voice over IP (VoIP).

The Benefits

- Seamlessly integrated 20 diverse systems—providing a technology roadmap to 2025 and an edge over all competitors in the region
- User-friendly customer portal, interactive digital signage, programmable screens and ambient lighting helped visitors navigate the convention center more easily and provide an outstanding user experience
- Streamlined security solutions deepened situational awareness—helping operators do more with less and creating a more secure environment
- Captivating video wall consumes little power, delivers a strong ROI from advertising and is poised to generate income for Suntec for years to come

For more information

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