

Qantas HQ, Australia

Project Reference

Key Objectives

- A superior sound system for BGM, paging and emergency calls across all 8 different acoustic zones in the hub of the new Qantas headquarters, an architecturally award-winning campus that accommodates thousands of Qantas staff under its long, interconnecting roof
- Powerful and aesthetically-pleasing speakers for the large screen in the hub
- Weather-resistant speakers to extend BGM and paging capabilities in the outdoor lunch area

Key Challenges

- Delivering sound optimally so that it will not be dispersed in a highly complex acoustic environment (highly reflective surfaces and enclosed high-ceiling area)
- A collaborative system that allows staff to page any of the 8 different acoustic zones within the hub
- A particularly short timeline



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Security Systems



BOSCH

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Solution

- Installation of 10 Bosch LS1 Hemi Directional loudspeakers direct sound downward hemispherically instead of dispersing it around in unwanted directions
- LS1s are suitable to deliver high sound pressure level with even coverage, suitable for enclosed high-ceiling areas as per in the hub
- EV NetMax N8000 DSP and Dynacord Promatrix 8000 work collaboratively to provide BGM and allow staff to page any of the 8 different zones
- Dynacord TS400 Vertical Arrays and EV SB122 subwoofers power great sound for the large video screen
- 6 EV ZX1i weathered loudspeakers fitted in outdoor lunch area

Customer benefits

- Extended BGM, emergency calls and paging capabilities throughout the hub
- Impressive sound quality and uniformity with great aesthetics



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