

Perth Hotel



SUMMARY

• LOCATION

Perth, Australia

• FACILITY SCOPE

Multi-level hospitality venue with dozens of background music and paging zones.

• OBJECTIVE

Deliver a scalable, reliable, and easy-to-use paging and BGM system with networked amplifiers and remote diagnostics.

• BIAMP SOLUTION

Vocia™

• OUTCOME

Flexible, zone-based audio delivery with simple user control and remote system management.

• EQUIPMENT

- Vocia
- TEC-1 wall panels
- MS-1 message server
- Networked multi-channel amplifiers

A new hotel in central Perth needed a high-performance paging and background music (BGM) solution across its expansive multi-level hospitality spaces. The venue includes two floors of restaurants, foyer areas, an upstairs bar with multiple entertainment zones, and a DJ station with audio input — all demanding precise control and seamless audio distribution.

Originally scoped with a traditional fixed I/O DSP system, the initial design began to show its limitations as the scale and complexity of the venue became clearer. “When we looked at the project, it screamed at us that this was perfect for Biamp Vocia,” says Andrew Anderson-King, Sales Director at Integrate Perth. “We needed multiple paging zones, flexible BGM distribution, and simple control for end users. Vocia ticked every box.”



For us at Integrate Perth, Vocia has always provided simplicity, reliability, and remote access. It's always been our first choice.

ANDREW ANDERSON-KING

Sales Director
Integrate Perth



Solution by Integrate Perth

Integrate Perth stepped in with a refined vision: The Voca platform would better handle the site's needs while delivering greater flexibility and simplicity. "Voca provided a good solution in terms of simple implementation, simple installation, very simple programming, and flexibility," said Anderson-King.

The hotel's complex layout benefitted immediately from the decentralized, network-based architecture of Voca. "The beauty of Voca is that we could implement a multi-channel amplifier effectively anywhere throughout the hotel over the network,"

Anderson-King explains. "From there, we could run traditional high or low impedance audio from each amplifier to its respective zone."

Because Voca operates on a dedicated VLAN, managed either in-house or by an IT contractor, system reliability and stability are a given. "As long as the network is managed correctly, Voca just works," says Anderson-King. "And from an end user's perspective, it's very easy to manage."

Biamp TEC-1 wall panels offer day-to-day control over specific zones, allowing staff to adjust BGM sources and volume levels on the fly.

At the heart of the system sits the Biamp Voca MS-1 message server. It manages and monitors every Voca device on the network, with built-in logging and diagnostics. "Any faults are logged within the software, and you can see which devices are online or offline," says Anderson-King. "If there's an issue, we can remotely access the system and diagnose it immediately."





Result

The hotel now benefits from a powerful, fully networked paging and background music system that meets the demands of both operators and guests. The decentralized design allows for flexibility in system expansion; remote monitoring ensures minimal downtime; and the user-friendly interface empowers staff to stay in control without technical expertise.

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ABOUT BIAMP

Biamp® is a leading provider of innovative, networked media systems that power the world's most sophisticated audiovisual installations.

Recognized worldwide for delivering high-quality products and backing each one with a commitment to exceptional customer service, Biamp's mission is connecting people through extraordinary audiovisual experiences.

Founded in 1976, Biamp is headquartered in Beaverton, Oregon, with offices and manufacturing facilities located around the world.

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