Blue Connections IT and Aruba – Partnering Together

Blue Connections is a provider of best-in-class IT solutions to Australian enterprises and local and state government departments. Through our partnership with Aruba, we deliver robust and scalable network solutions that help our clients provide a better experience for their employees and customers.

When you work with us, you benefit from our:

- **Experience** – we have provided Aruba networking solutions for some of Australia's best known and established companies, as well as organisations navigating the challenges of business growth.
- **Customised approach** – we created tailored technology solutions that support your desired business outcomes, to allow you to focus on what you do best.
- **In-house team** – all our work is completed in-house, through our dedicated Networking, Security and Unified Comms team which has deep understanding of Aruba technology and how it can benefit our clients.
- **State of the art facilities** – our new, custom built premises allows us to warehouse more customised solutions and includes a dedicated build area, decommissioning facility, vendor training capabilities and an end user Experience Centre.
- **Range of services** – Blue Connections design, supply, implement and manage end-to-end technology solutions and services specialising in procurement, professional and managed services, staff augmentation and lifecycle management.
- **Managed services** – through which our clients can leverage a fixed monthly cost per nominated device, and receive proactive management of their technology needs, with 24/7 support available.
- **Dedicated Networking, Security and Unified Communications team** – which provides support across all our services teams, as well as expert network/security monitoring, wireless design/implementations, telephony systems, outdoor long range wireless point-to-points, CCTV surveillance, security PEN testing, network cabling, WAN design and deployment, and more.

aruba

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How Blue Connections and Aruba helped an aged care provider with its network

Blue Connections and Aruba recently partnered to provide a new networking solution for one of Victoria's largest aged care providers.

The challenge

The existing network was dated and inefficient and the provider wanted to enhance connectivity, security and reliability for staff, visitors and patients (both for indoor and outdoor environments).

The solution

Blue Connections worked closely with the provider to understand their specific technical requirements and used a third-party wireless site surveying tool to understand the limitations of the existing service. We then composed a detailed design which involved:

- **Re-designing the switching topologies** – so resilience, security and performance was incorporated into every network using technologies such as switch stacking, link aggregation, VLANs and access-control lists.
- **Installing a new wireless network** – scoped so the 5Ghz spectrum was reserved for critical traffic such as voice and corporate traffic.
- **Future-proofing the network for wireless device support** – by implementing Wave 2 Access Points.
- **Providing robust security and guest network access** – using Aruba ClearPass for 802.1x capabilities and captive portal onboarding, with Aruba AirWave for remote monitoring, management and reporting.
- **Implementing troubleshooting capabilities** – with Airwave making it possible to pinpoint problematic stations and diagnose wireless issues on the fly and historically.

The result

The install was a national rollout, fully project managed by the team at Blue Connections. This was an incredibly successful upgrade using HPE Aruba switching and wireless technologies. Gained efficiencies include:

- **Improved performance** of the wireless network across all of the organisation's sites
- **A modern network** that's now future-proofed for new technologies and enhanced performance
- **Centralised management** and more robust control of the wireless network
- **Advanced user on-boarding** to the wireless network, for both staff and guests
- **Effective verification testing**, post instalment of the wireless network, which confirms Blue Connections' design methodology

WANT TO FIND OUT MORE?

To learn more about how Blue Connections can help your business implement an Aruba networking solution, get in touch on **1800 659 477**.