

Case Study

Transforming the network for Brisbane Airport Corporation

Customer: Brisbane Airport Corporation

Industry: Infrastructure

Services: Network transformation

Challenges:

- ▶ Transform the core IT nervous system of Brisbane Airport Corporation
- ▶ Ensure the network is scalable, resilient and future proof
- ▶ Mitigate risk to ensure no interruption to core services

Outcome:

- ▶ Increased network speeds by 300%
- ▶ A scalable network to enable future growth
- ▶ Delivered a complex transformational project with zero disruptions to airport operations



The challenge

When Queensland's biggest airport needed to refresh their core network, it was never considered to be a simple undertaking. Brisbane Airport Corporation (BAC) successfully appointed CyberCX to complete the project. From access control systems through to flight information boards, security cameras, ATMs and shop connectivity, every service in the airport terminal relies on the core network to operate.

As Dirk Hus, Head of Technology says, "everything comes to a grinding halt" without the core IT infrastructure. Flights operate at Brisbane Airport 23 hours a day, leaving only a tiny change window in the early hours of the morning for upgrades to happen — with no room for error.

To add to this, a new runway was nearing completion, which would bring more passengers, staff and demands on the airport network. An upgrade was needed to carry them in to the future.

The solution

CyberCX, in close collaboration with BAC and Cisco, developed a robust, high performance solution.

The solution was designed to deliver a low risk, expedient transformation, whilst maintaining full business continuity.

Working together with Cisco, using the latest technology,

CyberCX:

- ▶ **Upgraded the core and distribution network** - a network infrastructure designed for the business
- ▶ **Overhauled the data centre architecture** - a fully optimised design to provide maximum availability, reliability, and performance
- ▶ **Mitigated risk** - a project plan focussed around business operations and risk mitigation which included detailed implementation, test, migration and regression plans.

“What stands out the most is when I announced the success of this project in our staff talks, that actually no-one knew that we were doing this, no-one felt anything, no-one heard anything, it was more like a ninja approach. I still remember that to be one of the proudest moments.”

Dirk Hus

**Head of Technology, Brisbane
Airport Corporation**

The outcome

Brisbane Airport Corporation is now in a position to develop their future IT services with a highly reliable underpinning infrastructure.

The benefits of the upgrade to BAC:

Increased network speeds by 300%

A capacity upgrade from 10Gbps to 40Gbps prepared Brisbane Airport Corporation for increasing bandwidth demands

Better network performance

An improved data centre architecture enables major benefits for reliability, speed, and security

Capacity for future growth

With new services set to come online in the coming months and years, our solution provides scalability, enabling a solid platform for future growth

About CyberCX

CyberCX is Australia's leading independent cyber security services company. Unifying the most trusted cyber security brands and the experts who built them.

CyberCX delivers end-to-end cyber security services and Australia's best cyber security talent with the most comprehensive range of cyber security services to business, enterprise and government.

**Contact us to find out how CyberCX can boost the
cyber security skills of your entire organisation.**

