

# BrisConnections infrastructure upgrade ensures cost efficiency and productivity

**BrisConnections has been awarded a 45 year concession to design, construct, operate, maintain and finance the AirportlinkM7 tollroad in Brisbane. AirportlinkM7 is a 6.7 kilometre multi-lane electronic free-flow tollroad with dual 5.7 kilometre tunnels.**

## Challenge

In September 2011 BrisConnections went to tender for a highly available, secure enterprise class network compliant with financial regulators to ensure the integrity of confidential financial and personal data being exchanged across the network.

Under the tender, BrisConnections required a secured communication network to underpin the Queensland AirportlinkM7 Project, a section of the Northern Busway and a direct link between the Brisbane East Arterial Road and Airport Drive. These three projects are critical elements of the South East Queensland Infrastructure Program and Plan (SEQIPP).

## Solution

Logicalis was selected on account of its network design capability, understanding of BrisConnections' business and technical competence in delivering security and networking projects.

The designed network was flexible to integrate with other third party systems and devices and implemented to run in parallel to a network operated by Kapsch, provider of the tolling infrastructure. The use of virtual security features within the architecture allowed for externally facing applications to be securely multi-tenanted alongside with internal databases and servers; consolidating assets, centralising and simplifying IT management.

The network also provided a business grade WLAN to allow staff and contractors to securely roam the campus and use their own devices to access external resources.

## Benefits

The secure Cisco Backbone implemented by Logicalis supports the integration between the tolling infrastructure, back office operation and the public tolling payment system. The secured WLAN services have also increased the efficiency of internal operations.

BrisConnections is able to manage costs and auditing and keeping things as streamlined as possible, including implantation of virtualised servers saving an initial outlay of \$250,000 and ongoing administration cost up to \$50,000 per year.

