



OPENGEAR DELIVERS ROAD COMMUNICATIONS SOLUTIONS TO THE ORIGIN ALLIANCE

COMPANY PROFILE

Opengear is a leading provider of secure enterprise and industrial grade cellular routers and automated remote management solutions for IT infrastructure management.

Opengear's commitment is to deliver solutions that secure and simplify remote management tasks while providing IT and security professionals with tangible cost savings and high ROI.

THE CHALLENGE

The Department of Main Roads established Origin Alliance to deliver the \$1.95 billion, 8km Ipswich Motorway upgrade between Dinmore and Goodna. This federally funded project commenced in 2009.

Origin Alliance is a joint venture between Queensland Department of Main Roads, AbiGroup Contractors, Fulton Hogan, Parsons Brinkerhoff, Seymour Whyte and SMEC.

As part of the motorway upgrade, over 40 communications cabinets were installed to enable fibre connectivity between speed signs, variable message displays and traffic monitoring systems.

During build stages & deployment, these cabinets required monitoring for both physical security and environmental changes.

THE SOLUTION

Opengear provided over 40 of its industrial cellular routers, operating on the Next G® network, for physical monitoring of communications cabinets and video surveillance of sections of the construction site.

The Opengear + Next G® solution provides physical security, alarming and remote surveillance, even if the fibre connectivity or power is cut.

THE RESULTS

The solution resulted in “always up” network connectivity to support intrusion detection (door contact sensors) and flood monitoring (water level and leak detectors).

In the event of failure, SMS and email alerts are sent out over the Next G® network, notifying appropriate site managers. The units also provide IP connectivity to video surveillance cameras for live and recorded footage.

During recent heavy rain periods, site engineers were able to gain remote access to footage of flood levels over the Next G® network for improved response times and accurate incident management.

WHY TELSTRA?

Telstra provides the most extensive network coverage.

Our customers need access from anywhere, from rural towns, to regional roadways, offshore oil platforms, to city centre data centres.

Telstra is the only network that can provide this coverage.

We also believe Telstra to have the most reliable and highest speed network, both of which are essential to our customers.



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