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## **Moreton Bay Regional Council to Deploy the Largest Municipal Wireless Video Surveillance Network in Australia**

### **Council selects Link Security Group, Firetide, Axis Communications and Milestone for “Safer Cities” project**

Using funds from the Federal Government’s Safer Cities project as a Federal Government Initiative, Moreton Bay Regional Council has contracted with Link Security Group to deploy the most extensive wireless IP video surveillance network in Australia, with 130 square kilometers of mesh coverage. Moreton Bay Regional Council is the third largest local government in Australia, with an estimated population of 370,000. The system integrates wireless infrastructure mesh from Firetide, network cameras from Axis Communications and video management software from Milestone Systems.

Link Security Group was selected based on their proposed solution’s ability to overcome challenges in the design and deployment of the surveillance network. Chief among those were designing a completely wireless high-bandwidth video solution that would not be affected by weather conditions, rust, corrosion or vandalism. Most importantly, the system needed to be built under a critical timeline and meet the requirement to transmit high-resolution and HDTV live video feeds.

The extended coverage area and stringent performance specifications were the major factors in selecting wireless product for this project. Link decided to use Firetide’s wireless infrastructure mesh network that could meet these requirements and provide industry leading performance and reliability. 42 Firetide outdoor mesh nodes form the infrastructure backbone of the project, supporting close to 50 outdoor IP video surveillance cameras.

In addition to all-wireless infrastructure, the project is also the first in Australia to incorporate Axis HDTV cameras alongside Firetide’s mesh wireless technology. Link chose Axis Communications rugged outdoors cameras for the installation, including pan-tilt-zoom Q6032-E cameras for their impressive optics package, and fixed HDTV P1344 cameras for the ability to transmit video at 30 frames per second in HD resolution. Milestone XProtect™ open-platform video management software supports multiple server applications and unlimited IP cameras. The benefit of the Milestone VMS in this project is that although the Council’s initial requirement is to support the IP cameras, there is an opportunity for the Milestone platform to integrate the Council’s existing large population of existing analog CCTV cameras.

“Firetide represents the very best in cutting-edge wireless technology, with its wireless infrastructure mesh optimised for the transmission of surveillance video,” said Alex Baulden, Senior Network Engineer of Link Security Group. “Firetide clearly has the best in class hardware

for the project of this size. The security and reliability of communications were critical, and performance we've seen in the field is impressive." The network is currently ahead of the project delivery schedule, and Link intends to transfer system ownership to the Council within months.

"Being part of Australia's largest wireless municipal security project is further testament to Firetide's leadership in large-scale wireless video surveillance deployments. An increasing number of municipalities – large and small – find that a wireless infrastructure based on Firetide mesh is imperative for successful public safety networks," said Bo Larsson, chief executive officer of Firetide. "The fact that our wireless networks can place surveillance cameras in locations without existing network infrastructure is crucial for public safety agencies whether they are looking to revitalise urban areas or prevent and prosecute crime."

"Where image quality is the key consideration it is important to have full frame rate video streaming so that activities in a scene and fast-moving objects can be easily seen and captured," said Wai King Wong, Country Manager ANZ of Axis Communications. "Our HDTV cameras are compliant with the SMPTE standards in resolution, frame rate, colour fidelity and aspect ratio to ensure that a rich viewing experience with excellent image detail is achieved."

#### **About Firetide Inc.**

*Firetide is the leading provider of wireless infrastructure mesh networks that enable concurrent video, voice, and data for municipal, public safety, and industrial applications. Firetide provides reliable high performance wireless infrastructure mesh and access solutions for video surveillance, Internet access, public safety networks and temporary networks wherever rapid deployment, mobility and ease of installation are required. Headquartered in Los Gatos, Calif., Firetide is a privately held company with worldwide product distribution. <http://www.firetide.com>*

#### **About Link Security Group**

*Link Security Group is a company providing enterprise solutions Australia wide. Our expertise spans the Security, Data, Connectivity, Electrical, Wireless, and Communication markets. Since our inception in 2000 we have been delivering excellence to industry through our people and experience. Link provides professional custom designed solutions and services using technically competent, trained and certified service staff. Our company values are based on our team passion for success and devotion to unyielding integrity. Link has the ability to provide solutions from start to finish, from system design consultation, installation, management, backup support and maintenance. Link Security Group is solely Australian owned and operated. <http://www.linksecuritygroup.com.au/>*

#### **About Axis Communications**

*Axis is an IT company offering network video solutions for professional installations. The company is the global market leader in network video, driving the ongoing shift from analog to digital video surveillance. Axis products and solutions focus on security surveillance and remote monitoring, and are based on innovative, open technology platforms.*

*Axis is a Swedish-based company, operating worldwide with offices in more than 20 countries and cooperating with partners in more than 70 countries. Founded in 1984, Axis is listed on the NASDAQ OMX Stockholm under the ticker AXIS. For more information about Axis, please visit our website at [www.axis.com](http://www.axis.com).*

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