Australia's West Gate Bridge Puts Infinova Fiber Optics to Work for Surveillance Transmission

MONMOUTH JUNCTION, NJ - February 9, 2010 - Infinova today announced that the West Gate Bridge in Melbourne, Victoria, Australia is using Infinova's fiber optics solutions to link cameras on the bridge to the City of Melbourne video depot. This bridge is the third longest in Australia with a total length of 2582 m (8,473 feet).

"This bridge is just one of many major infrastructure projects which have turned to Infinova fiber optics for more efficient, quality transmissions of images," reports Mark S. Wilson, Infinova vice president, marketing. "Since high-performance surveillance systems require greater reliability and increased throughput, the leaps forward in CCTV system technology have increased the demand for Infinova fiber optics."

To assure duty officers can maintain smooth flowing traffic and react immediately to a crisis on the bridge, an Infinova N3731 Series fiber optics transmitter, which provides the ability to transmit one digitally encoded video channel with bi-directional RS-232 / RS-422 contact closure and DIP selectable data (RS-422 / RS-485 / Manchester / Biphase) over one or two fibers, is mounted on the West Gate bridge. It receives video from the PTZ dome camera on the bridge and then transmits the video to the West Gate Bridge Depot via fiber. Another N3731 Series transmitter collects the video at the Depot. The fiber optics units can be rack-mounted or used as stand-alone modules, placed on a desktop or mounted to a wall.

Meanwhile, all videos received from the bridge are distributed to an Infinova N3790 Series transmitter for transmission over a single fiber to Melbourne City for remote monitoring. At the same time, the N3790 Series transmitter sends PTZ control data to the dome cameras via fiber. As a result, duty officers that are kilometers away can view and control the PTZ control function of the cameras on the bridge.

The N3790 Series fiber transmitter is a digitally encoded, highly expandable and flexible fiber optics transmission system. Data formats support RS-232, RS-422, 2-wire/4-wire RS-485, Manchester/Biphase and contact closures. Using state-of-the-art CWDM technology, they transmit up to 64 channels NTSC, PAL, or SECAM video, 32 channels audio, 32 channels data, 32 channels contact closure signal or eight channels intercom.

More information on Infinova fiber optics is available at www.infinova.com.

About Infinova

By helping integrators provide their customers with best-in-class, large and small video surveillance solutions, Infinova helps integrators generate more business by being able to say "yes" to a broad scope of projects. Infinova provides IP, megapixel and analog surveillance cameras and components, camera accessories, monitors, power supplies and fiber optic communications devices as well as customized solutions. Infinova partners with brand-leader manufacturers to create turnkey solutions and tests and verifies the functionality of their partners' s solutions when integrated with Infinova products. Infinova works diligently to ensure integrators can provide affordable solutions and is acknowledged in the industry for their exceptional customer service programs. With such customer focus, Infinova is often called "the integrators' manufacturer."