



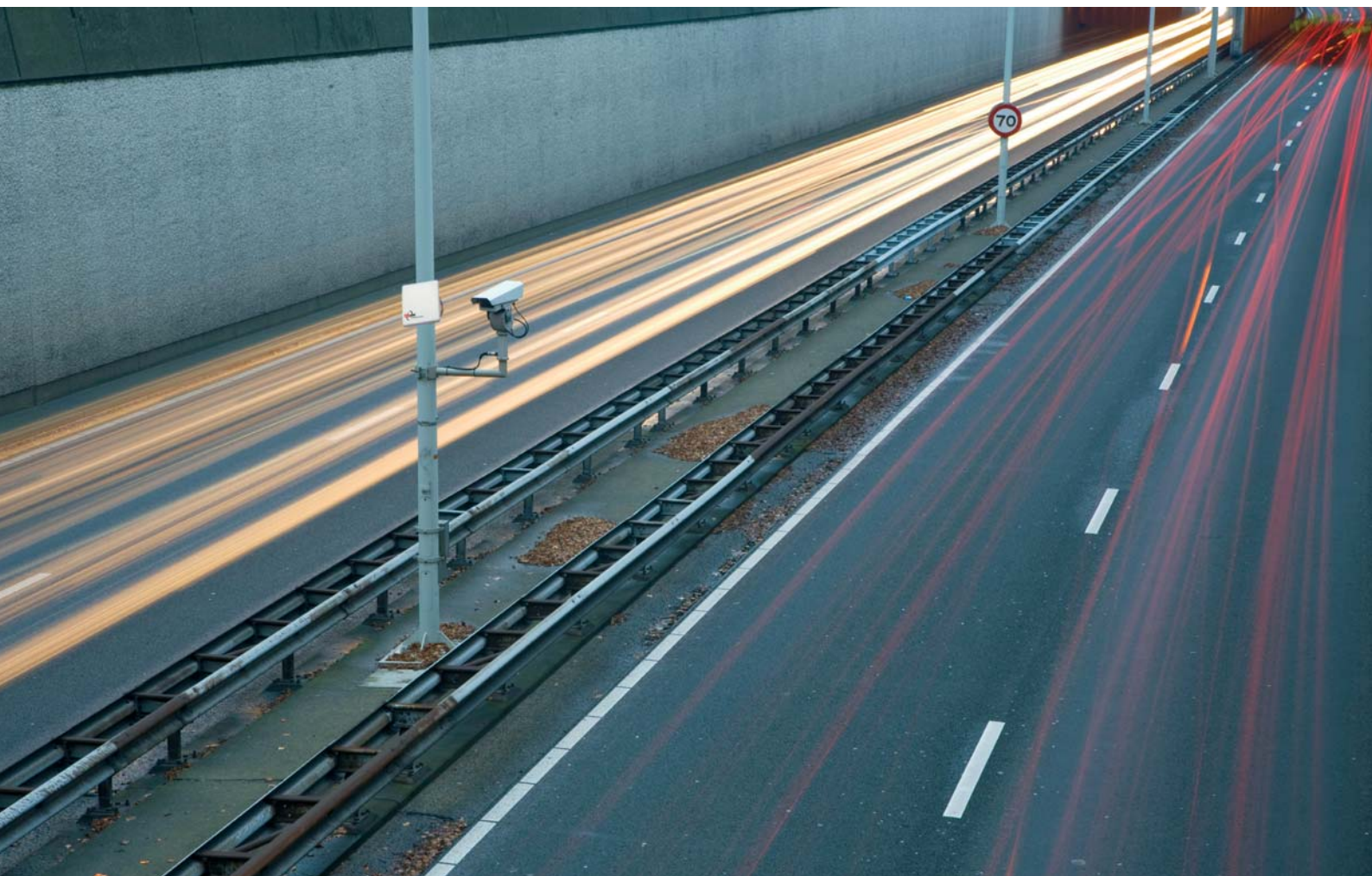
## Case Study: **Video Surveillance Transmission**

### Traffic Surveillance Along Chile's A-16 Highway

In an ongoing effort to monitor traffic flow and enable immediate detection and response to road incidents, Chile's Department of Public Works installed megapixel video cameras along the A-16 highway.

The Department of Public Works chose RADWIN's wireless broadband solutions to transmit video from the cameras back to its traffic control centers and to connect the local traffic control center in Cerro Tarapaca to the central one in Iquique. The high bandwidth and low latency of RADWIN's equipment ensures high-quality video transmission and enables license-plate recognition.

With RADWIN's equipment in place, personnel stationed in the traffic control centers can monitor the A-16 highway in real-time 24x7 and take immediate action when required.





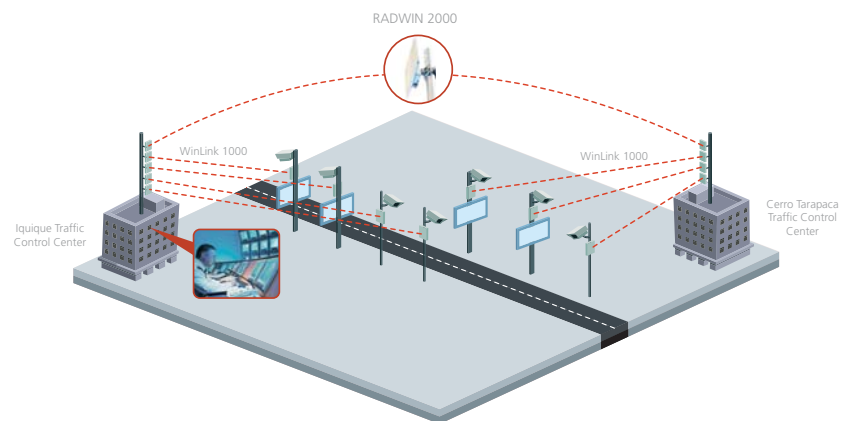
“RADWIN’s systems are the perfect fit for mission-critical surveillance projects that require high-quality, 24x7 video transmission.”

Fernando Vivanco, Director of Projects, GlobalLink (System Integrator for the project)

**Customer:** Department of Public Works, Chile

**Project:** RADWIN’s wireless broadband solutions transmit video from the megapixel cameras (Axis) installed on billboard signs and poles along Chile’s A-16 highway to traffic control centers. Personnel stationed in the centers can thus detect and respond to traffic situations on the spot.

**RADWIN’s Solution:** RADWIN’s WinLink 1000 systems are deployed in a Multiple Point-to-Point formation, providing wireless access to camera sites. The RADWIN 2000 high-capacity link backhauls traffic from the traffic center in Cerro Tarapaca to the central traffic center in Iquique located 18 Km away.



Video surveillance transmission along Chile’s A-16 highway

**Benefits of Using RADWIN’s Wireless Broadband Solutions:**

- Obtain surveillance information in high-quality in real-time.
- Fast detection and response to traffic situations and road accidents.
- Flexibility to deploy video cameras where and when needed.
- License plate recognition that can be used as legally-binding evidence.
- Systems operate in challenging topography and adverse weather conditions that prevail in the area.
- Systems can operate on solar energy because of low power consumption, per the project’s requirements.



RADWIN’s solutions installed on billboard signs along Chile’s A-16 highway



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