



Case Study: **Video Surveillance Transmission & Telemetry**

Autodema Water Company Chooses RADWIN for Video & Data Transmission

The Autodema water company in Arequipa, Peru had a specific requirement for a communications system that would transmit Video & Data from remote sites back to its central command center with high-capacity over long-ranges. Such a system would enable Autodema to manage its water pumps by remote (since many of the sites were inaccessible), and to obtain actionable surveillance information that would allow it to alert the local community to impending floods.

RADWIN's wireless broadband links were chosen and deployed for this project, with the longest link operating at a distance of more than 71 Km/44 Miles. The links deliver high-quality video in real-time to Autodema's command center, enabling its personnel to monitor remote water sites 24x7 and control pumping stations from a central location.

Accurate and fast, simple to operate and maintain, RADWIN's systems fully comply with Autodema's communications requirements.





RADWIN links transmit Video & Data from remote sites to Autodema's command center

“RADWIN's links are ideal for video & data transmission, delivering high-quality images in real-time. The systems were very easy to set up, and they connect sites over 70 Km apart!”

Mauricio Postigo, Project Manager,
Setcom Air (System Integrator)

Customer: Autodema Water Company, Arequipa, Peru

Requirement: The Autodema water company in Arequipa, Peru needed a communications system capable of delivering Video & Data traffic from remote sites back to its central command center. Autodema's goal was to obtain complete visibility and control over its water sites and to manage pumping stations via remote.

RADWIN's Solution: RADWIN's wireless broadband systems were deployed to connect remote sites to Autodema's central command center, with some links connecting sites as far as 71 Km apart. Links deliver video from the cameras with high-resolution and accurate data.

Highly robust, RADWIN's systems work under severe weather conditions that prevail in the area, including torrential rains and floods, at an altitude of over 4611 m.

Key Benefits of RADWIN's Wireless Broadband Systems:

- High-quality Video & Data transmission on a single link
- Long range & operation in non-line-of-sight environments
- Simple to install and maintain
- Compact, extra-durable systems operate in toughest conditions and extreme temperatures
- Built-in OFDM technology enables operation in nLOS
- Competitive price



Corporate Headquarters
Tel: +972 3 766 2900
Email: sales@radwin.com
www.radwin.com