

Project Brief

Latin American
Cities



IndigoVision Solutions Enhance Security Across Latin America



End User

Multiple Latin American Cities

Country

Multiple Latin American Countries

Vertical Market

Cities & Residential

Partner

Various

Technology Features

Unrivalled Video Compression
Smooth PTZ Control
Bidirectional audio
Excellent Scalability



Background

IndigoVision's complete IP Video solution has been deployed across 17 cities in Latin America in a bid to modernize their security systems and reduce crime rates.

Implementing CCTV surveillance over large urban areas is technically very demanding. Whether it is monitoring criminal activity or managing traffic, remote wide-area monitoring creates a challenging environment for CCTV systems – even more so with the high crime rates found in many Latin American cities.

Solution

What makes IndigoVision's technology ideal for these applications and sets them apart from other digital CCTV solutions is its market leading compression technology. Evidential quality video can be transmitted across standard IP networks over large distances with minimal bandwidth requirements – an important issue for developing countries that often lack a proper communication infrastructure.

This ensures latency is kept to a minimum, allowing PTZ cameras to be controlled smoothly from a distance, and wireless networks to be deployed easily to overcome the cabling problems associated with wide-area surveillance.

Operators in a number of the Latin American cities are also using the fully synchronized high-quality two-way audio capability, which is transmitted alongside the video, to broadcast public announcements through camera mounted speakers.

In addition, the Distributed Network Architecture (DNA) of IndigoVision's solution means that numerous locations can be managed through one central control room, making it easy to co-ordinate operations across several towns and cities.

This DNA also means that as these towns and cities grow, their security systems can scale along with them, with new devices being added to the network with ease and at relatively low cost.

Benefits

- Unrivalled compression technology allows evidential quality video to be transmitted quickly and with minimal bandwidth requirements
- Low latency means that PTZ cameras can be controlled smoothly and wireless networks can be deployed easily
- Bidirectional audio allows the broadcast of public announcements through camera mounted speakers
- Distributed Network Architecture (DNA) allows several locations to be managed centrally
- Superb scalability allows the systems to grow as the cities do