

Project Brief

Schipol Airport



Schipol Airport Chooses IndigoVision's IP Video Surveillance Solution



End User

Schipol Airport

Country

Netherlands

Vertical Market

Airports

Partner

Croon Elektrotechniek BV

Technology Features

Distributed Network Architecture (DNA)
Cutting edge video analytics
Superb scalability

Background

Schiphol, Amsterdam's international airport, sees over 20m passengers each year, making it one of the world's busiest airports. The airport itself covers an area of over 13 square kilometers.

This makes security surveillance extremely challenging, and the airport operators were keen to deploy the latest technology to help improve the safety and security of aircraft movements.

Solution

IndigoVision's complete end-to-end video solution includes seventeen fixed cameras cover the active airside area of the airport and these are connected back to the control room via a hybrid fiber and wireless LAN.

Operators can then use the analytics mode 'Virtual Tripwire' to designate unauthorized areas in each camera's field of view. Whenever a vehicle or person crosses into these areas an alarm is automatically raised and the appropriate camera view is displayed in the control room.

Since these analytics run in real time at the camera, operations staff are alerted automatically to intrusions as they are detected, ensuring a timely response to any situation.

The Distributed Network Architecture (DNA) of IndigoVision's solution was another asset; as it eliminated the need for a centralized server, ensuring that there is no single point of failure and creating an extremely robust system.

This DNA also allows the system to be scaled with ease should the airports priorities ever change.

Benefits

- 'Virtual Tripwire' detects whenever a person or vehicle enters a designated area
- Greatly reduced response time thanks to real time analytics
- Distributed Network Architecture (DNA) removes the need for a centralized server, ensuring no single point of failure
- System can be scaled with ease

