Case Study

Delhi International Airport
T3, Baggage Handling System

End User
Delhi International Airport Ltd.

Location
IGI Airport, T3, New Delhi

Vertical Market
Airport

Partners
IndigoVision
Dell

Features
All IP cameras for Baggage Handling System of the airport

Background

IGI Airport Terminal 3 is the busiest airport in India in terms of passenger and cargo traffic and is spread over 2000+ hectares. It is the largest aviation hub of not only India but also South Asia with a capacity of 40 million passengers. It is also the world's 8th largest passenger terminal.

Solution

Neural won the contract from Siemens Ltd. to implement the video solution for Baggage Handling System (BHS) in 2009. The solution consisted of deployment of 260 cameras initially on the massive BHS deployed in the passenger terminal building (PTB). The deployed solution consists of fixed IP cameras from IndigoVision (UK). The cameras are integrated into the IndigoVision video management system (VMS) "*Control Centre*". Video footage is stored at the control centre for the BHS. The system is also integrated to the PTB Control Centre which is also an IndigoVision solution consisting of about 4000 cameras. Video and alarms can be sent from both the systems anywhere in the network. Operators can manage the system from both control rooms. The system has built in support for redundancy and failover.

The system was commissioned in March 2010 in record time.

Customer Benefits

- Video from 260 IP cameras covering the BHS
- Video Analytics to detect any disruption to the BHS opeerations providing crucial alerts in real time to the operators
- Distributed architecture with no single point of failure
- Full redundancy and failover of video recording
- Systems is expandable by up to 20% without the addition of any server or storage hardware
- Future ready system for integration with 3rd party systems like access control, fire alarms, PSIM, etc.

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