

Phnom Penh International Airport

“ Selecting Aimetis Symphony™ has provided us the capability to improve passenger and cargo security through advanced video management functionality and scalability unmatched on the market today. ”

Phnom Penh Airport Security



Customer Profile

Phnom Penh International Airport is the Kingdom Capital City's airport of Cambodia totaling just over 20,000 square meters of passenger terminal space and 6,500 square meters of cargo capacity. With 2 million passengers annually, critical monitoring for passenger safety both in the terminal and in the cargo area will continue to become more demanding. Security professionals continue to require improved monitoring tools to ensure their mandate of customer safety is achieved.

Summary

Phnom Penh International Airport has deployed Aimetis Symphony video management and video analytics software, improving passenger and cargo security, while improving operational efficiency throughout their expanding infrastructure.

Business Challenge

With more than 2 million passengers traveling through 26,000 square meters of monitoring space, there has been a significant increase in the amount of monitoring required for passenger safety. The previous security system did not provide the necessary image quality, retention and flexibility needed for successful passenger monitoring, recording and alarm management.

Solution

“With the installation of Aimetis Symphony, we have improved our passenger and cargo monitoring, lengthened our video storage capabilities as well as customizing proactive video analytics. This has led to an overall strengthening of our security system and advancing our monitoring capabilities,” Phnom Penh Airport Security Manager.

Aimetis Symphony was the intelligent video management software of choice due to the analytic capabilities, the intuitive user interface and also its open system architecture. This allowed the Phnom Penh Airport the opportunity to customize the installation directly to their needs.

The solution structure uses both fixed and Pan-Tilt-Zoom (PTZ) IP cameras to provide real-time and effective monitoring and recording of all entrances, passenger areas, cargo warehouses and passenger security entrances/exits. The network video surveillance system also uses advanced analytics, storage and network transmission technology to realize the functionalities of remote control, video transmission, intelligent control and historical data query.

A centralized control center was housed to perform information gathering, video storage, a range of analytics and continuous examination of each control point of the building. This is presented through a video wall which was all set up by an Aimetis Partner, Cambodia Airports Management Services (CAMS).

This system has been built to meet the growing demands and pressures of the Airports complicated surveillance system. Through adding new load-balancing network video servers or new network cameras, this system can be flexibly extended to meet new needs and requirements of the Phnom Penh International Airport for years to come.

Technology

- ▶ 110 Aimetis Symphony™ licenses
- ▶ 110 IP cameras
- ▶ Two Servers
- ▶ 34 IO devices
- ▶ Five Clients
- ▶ Two Intel Xeon NVR's
- ▶ NetApp SAN with 30 TB Capacity
- ▶ 11 Sets of Blade Video Encoders