

## Vigilant Solution Secures Two Cyprus International Airports

### About Cyprus International Airports

Cyprus is the third largest island in the Mediterranean and one of its most popular tourist destinations. It is served by two international airports - Larnaca International Airport and Paphos International Airport.



Larnaca International Airport

Larnaca International Airport is Cyprus' main international gateway and the larger of the country's two commercial airports. Larnaca Airport is used as a hub for over 5 million passengers a year most of whom are traveling between Europe and the Middle East.

Paphos International Airport, on the island's southwestern coast, is commonly used by tourists on holiday in western Cyprus, providing access to popular resorts such as Coral Bay, Limassol and Paphos itself.



Main Entrance of Paphos International airport- Panoramic view

### The Challenge

Extensive renovation and expansion projects were undertaken at both airports to accommodate the major increase in traffic which had risen to 5.0 million passengers a year. The Larnaca airport which opened in November 2009 is a completely new facility located next to the old airport and is now capable of handling up to 7.5 million passengers a year.

Airport management, Hermes Airports Ltd., took this opportunity to ensure that the airports complied with strict international security standards. Part of that compliance was the implementation of a new scalable IP-based video surveillance security system that created a vital link in the chain of airport security operations and ensured that no single point of failure could compromise security operations.

In order to achieve this level of security, multiple systems, including access control, video surveillance and others, needed to be integrated into unified command and control center application which would allow operators to efficiently manage alarms in the airport perimeter.

### The Vigilant Solution

Vigilant IP video surveillance solution was chosen to provide a highly reliable surveillance solution. Central to the solution at the Cyprus airports is Vigilant's NetVR™ an IP-based network video recording system. Vigilant's NetVR is the backbone of Vigilant's unique video surveillance and storage solution featuring industry-leading video quality, intelligent event detection, seamless remote access, and highly-efficient streaming and storage.

Each IT room in the facility is equipped with a NetVR recording server with a local storage and an archiving NetVR for backup to a central storage server thus creating a highly secure solution.

# Vigilant at Cyprus Airports **SUCCESS STORY**

A central control room at each airport houses the Command and Control System that supports Vigilant's NetView video monitoring solution. An additional control room with a dedicated NetView system is used by the police. The monitoring system is automatically activated upon alarms received from the Command and Control system, triggering live and quick playback video from multiple cameras, thereby saving valuable time and improving the operator decision making capabilities.

Panasonic IP cameras installed around the perimeter, the runways and the terminal areas provide complete coverage in every airport area including baggage claim, security gates and major infrastructure facilities.

"Our challenge was to integrate multiple alerts coming from multiple inputs into the video solution, so that operators could use video assistance to track and identify events," said Ohad Kleinman, director of product management at Vigilant. "Because Vigilant's system is based on an open architecture concept, the integration with third-party cameras and the biometric solution made what could have been a very complex environment into a solution that was intuitive to operate."

Vigilant's NetView control center solution enables security personnel to fully utilize their surveillance solution, optimize decision making, and significantly reduce the probability for human error.

## The Highlights

- Multi-layer redundancy mechanisms, including network-based, hardware-based (redundant power supply, fans, etc.) and architecture-based (N+N/N+1 redundancy schemes)
- Recording and streaming of MPEG-4 video streams ranging from CIF to D1, from low frame rates to 25fps (PAL) or 30 (NTSC)
- Automatic real-time, event-driven push delivery of video to viewers
- Scalable to unlimited number of IP cameras or analog cameras through Vigilant or third party encoders
- Unlimited storage size scalability – internal or external storage, RAID5 or RAID0
- Leverages existing IP/Ethernet infrastructure for video stream delivery, reducing deployment costs
- Seamlessly integrated with all complimentary Vigilant products and solutions suite to ensure protection of existing infrastructure investment
- Multi-site, enterprise-wide, or remote access via LAN/WAN/Internet

## About Vigilant

Vigilant Technology, a BATM Company, is a global leading provider of intelligent IP surveillance and security solutions. The company offers a turn key solution including video servers, DVR/NVRs, intelligent real-time video content analysis and sophisticated, proactive control center solutions. Vigilant has a worldwide customer base and is globally supporting tens of thousands of cameras in airports, governmental sites, financial institutions, correctional facilities, casinos, city centers, and more.

Visit [www.VGLNT.com](http://www.VGLNT.com) for more information.