

CASE STUDY: Alarmas Universales

# Intelligent Surveillance Appliance Chosen to Improve Reliability for Mission Critical Security



In Mexico City, an independent administrative body operating under the country's transport and communications ministry was responsible for regulating, promoting and overseeing the development and near-universal coverage of telecoms and broadcasting services in the country. The entity operated three buildings that needed a video surveillance solution for multiple high-profile people, assets, and to protect the integrity of documentation found within those buildings.



## **SITUATION: High Profile Surveillance, Need to Reduce Risk**

For this application, a traditional server that would assign a large number of cameras to a single unit would not work. If one server failed, 124 cameras would be lost, which was approximately 30 percent of the total number of cameras being used. Several independent switches would solve this problem, but this option did not fit within budget constraints.

Additionally, the stored video would need to be readily available so that it could be used as evidence against various acts and events, should it become necessary. The solution had to meet very high standards of video quality while also being able to operate 24 hours a day and, ideally, with a multi-year warranty.

## **SOLUTION: Intelligent Surveillance Appliances Provide Cost-Effective, Always On Surveillance**

The administrative body worked with an integrator, Alarmas Universales, to find an option that could meet its needs. Alarmas Universales introduced the razberi™ ServerSwitch™, an Intelligent Surveillance Appliance that could operate 24 hours a day but still maintain a three-year warranty with a two-year extended option. It also offered an economy of scale due to its flexibility.

***The solution had to meet very high standards of video quality while also being able to operate 24 hours a day.***



## RESULTS: By Standardizing on the Razberi Platform

### SPACE SAVING:

The Razberi appliances were installed by floor with 25 razberi ServerSwitch™ appliances total and 18 cameras connected per appliance. The total installation included 450 cameras across the three buildings. Because Razberi's all-in-one appliance combines a 24-port PoE switch with GBIC fiber connections into a physical size (1U) it allowed for installation within a wall-mounted rack. This produced space savings both in terms of the number and types of cabinets being used.

### SCALABLE:

This approach eliminated the risk of having to record 128 cameras to a single, larger, more costly server.

### RELIABLE:

Razberi's VyneWatch™ health monitoring system was also utilized in the installation to provide visibility into all cameras and appliances on the network.

***"For our installation, it was very important that the system was operating at 100 percent at all times. Razberi's VyneWatch health monitoring feature helps us prevent equipment failures and allows us to know in advance when a component or camera is not functioning properly. We are able to proactively replace a component while reducing downtime"***

***-Marco A. Godina Martínez,  
Security Advisor***

## A SUCCESS SUMMARY

By working with Razberi, Alarmas Universales found a solution to their customer's needs and delivered a more cost effective, reliable and scalable platform. Using Razberi's VyneWatch to provide proactive health monitoring has brought peace of mind to the users. Mission accomplished.



**Contact Razberi Technologies today to request a demonstration and discover what the intelligent surveillance appliance can do for you at [razberi.net/demo](http://razberi.net/demo).**

Razberi develops and manufactures intelligent network security appliances. It's flagship Intelligent Surveillance Appliance, the razberi™ ServerSwitch™ is a superior alternative to general-purpose servers, switches, storage and power for IP video surveillance. By deploying Razberi in a distributed appliance architecture, network utilization is reduced by up to 95% while increasing megapixel video quality and dramatically reducing capital, bandwidth and space costs. Razberi's open, scalable platform combines server, storage, switch and PoE as well as health monitoring and cyber security features. Razberi works with leading VMS and camera providers delivering unmatched certification and support. Razberi solutions are available through a worldwide network of value added partners. Razberi Technologies is a privately held company founded and managed by veteran security experts and innovators. The company designs and manufactures its products in Dallas, Texas. For more information, visit [razberi.net](http://razberi.net).

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