

Surveon Improves the Safety of Bolivia Customs Building with Upgrading Surveillance Solutions

Charging with tariff, port and immigration services, customs plays an important role to guard the national safety. As a institution where people constantly visit, the customs in Bolivia must upgrade their surveillance system to protect the visitors, staff and its assets better. With Surveon's surveillance solutions, including hundreds of high-resolution cameras, six corporate NVRs and feature-rich VMS, the laboratory, parking lots and meeting rooms of customs are under solid protection, making the customs can deliver their daily services with best efficiency.

Customer

From immigration services to preventing smuggling, the customs in Bolivia provides a large services scope to the whole world. Due to the variety of customs operations, the customs in Bolivia needed to upgrade their surveillance system to monitor entrances, parking lot, laboratory and meeting rooms with improved images and long data retention period.

Challenges

Improved Images with Wider Coverage

The building of Bolivia customs built by the government tends to be spacious enough to fill in with the crowds, containing many sections which have specific functions, such as laboratory for inspecting goods and dog training center for training drug detection dogs. With many people and things bustling around the sections and outdoor spaces, customs needs to rely on a reliable surveillance system with improved images with wider coverage to cover every corner around the building.

Long Data Retention Period with Solid Data Protection

To avoid the loss of confidential data from customs surveillance system, the data retention period and the data protection are particularly important to the planning and acceptance of customs security.

Solutions

High-resolution Cameras with Wider Coverage

Surveon adopted hundreds of cameras, including outdoor speed domes CAM6351 and CAM6471EZ, equipping with SONY sensor to provide clear images and safeguard the parking lots with its ruggedized IP66 design, vandal proof and auto focus features. Surveon's 5MP bullets CAM3571M and CAM3571VP secure the entrance with high-resolution images and weatherproof housing for withstanding rain and dust. The 5MP outdoor domes CAM4571VP and fisheye CAM7511 ensure that every detail in laboratory can be seen clearly. In addition, the 3MP indoor dome CAM4421LV provides 1.5-time larger monitoring range than Full HD cameras, giving the customs a budget-saving option without installing extra cameras for wider monitoring range.



Summary

Customer:
Customs Building, Bolivia

Project Needs:

- Improved Images
- Wide Monitoring Range
- Long Data Retention Period
- Solid Data Protection

Surveon Solutions:
Complete solutions with the following:

- CAM3571M/VP Bullet Camera
- CAM4421LV Indoor Dome Camera
- CAM4571VP Outdoor Dome Camera
- CAM6351 Outdoor Speed Dome Camera
- CAM6471EZ Outdoor Speed Dome Camera
- CAM7511 Fisheye Camera
- NVR2100 Series RAID NVR
- Surveon Enterprise VMS

Surveon Solution Benefits:

- Superior Image Quality with High Reliability
- 180-day Non-stop Recording with Expandable Storage Capacity
- Trustworthy Data Protection with Stability

Corporate NVRs with RAID Protection

Featuring Infortrend EonStor storage subsystem with RAID 1, 5, 6, 10, 30, 50, 60, the NVR2100 Series provides solid data protection to the customs. With its client-server architecture, the customs can easily expand the storage capacity for future usage.

Enterprise VMS with Rich Features

Surveon's enterprise VMS offers rich services, including camera control, live monitoring, recording, configurable playback, real-time video analytics and so on, ensuring the accurate actions can be taken immediately to prevent any accidents.

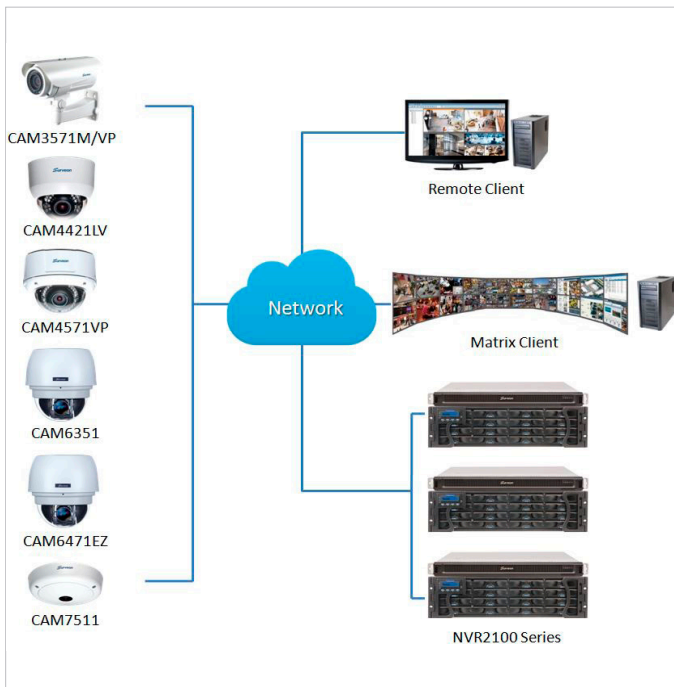


Figure 1: Distributed Architecture

Benefits

Superior Image Quality with High Reliability

Surveon cameras provide superior image quality with high resolution and smart WDR, allowing security guards to recognize crucial details even under outdoor lighting contrast such as parking lots. All of Surveon cameras are with industrial-grade components and the product quality can be proved by its extremely low RMA rate.

180-day Non-stop Recording with Expandable Storage Capacity

NVR2100 Series supports up to 64 CH 5MP recording and meets any requirements from 48 to 448 TB, providing reliable performance for 180-day non-stop megapixel recording. Besides, the iSCSI storage itself provides functions such as local or remote replication to further strengthen data retention, giving this project a scalable solution for backup usage.

Trustworthy Data Protection with Stability

NVR2100 Series has Surveon patent RAID function to prevent video loss. The hot-swappable, redundant components, cable-less design, cooling fan modules and power supplies also ensure system stability for the customs.

"Surveon provides the best C/P value solutions for the customs and improves its whole security system with high-reliability products. We are satisfied with the result and I'm sure we will keep choosing Surveon's solutions in the future projects." said VisionLine, Surveon's major partner in Bolivia.

About Surveon Technology

Surveon offers end-to-end network video surveillance solutions that showcase our expertise in professional camera design, RAID NVR, high-availability video storage, embedded firmware and video management software. All Surveon products are designed in-house and manufactured on our ISO 9001 and ISO 14001 certified production site to ensure the highest quality for our partners. For more information about Surveon vertical solutions, please visit: www.surveon.com