

N'Djili International Airport Migrates to IP Megapixel with Vigilant

About N'Djili International Airport

N'Djili International Airport, also referred to as Kinshasa International Airport, is the largest airport in the Democratic Republic of the Congo (DRC), and serves as a hub for two of the regions most active airlines, Hewa Bora and Wimbi Dira. Interestingly, it is also an alternative landing site for NASA's Space Shuttle.

In 2009, the airport began a major refurbishment and modernization initiative. Still using the original infrastructure built over 50 years ago, the airport was in need of serious maintenance and upgrading. As part of the renovations, a new terminal and area of expansion named the Presidential Pavilion was included in construction plans. This terminal was designated to receive visiting dignitaries and those deemed as VIPs.



The Challenge

Tasked with receiving DRC's most important guests in a restricted area meant that special attention would need to be paid to the security of the Presidential Pavilion. A security solution that provided 24/7 coverage and surveillance capabilities was required.

The Solution — Flexible, scalable comprehensive coverage



Vigilant NetView™, a fully digital, video management solution manages the comprehensive surveillance system in N'Djili's control center.

Project system integrator Y.M.A Art-Media Ltd., brought together a solution that addressed the needs of the airport for a flexible, scalable, and of course highly reliable security and surveillance system. Vigilant's Intelligent IP Surveillance solution was selected for its ability to meet those requirements and more. Its open architecture allows for seamless third-party integration enabling complete flexibility; and as a scalable solution, the system is ready for planned future expansion. "We selected Vigilant as a partner because of the flexibility and robustness of their solution. Their ability to fully integrate the various MESSOA cameras, along with value added services, made the choice an easy one," explained Eddie Shub, CEO, Y.M.A. Art Media.

Using Vigilant's Elite Hybrid NVR solution featuring full redundancy (raid-5 + redundant power supply), combined with Messoas megapixel cameras, and Vigilant NetStream encoders, the Presidential Pavilion enjoys complete coverage with cameras positioned both outside along the perimeter and inside the terminal itself.

Vigilant in Africa **SUCCESS STORY**

Managing this comprehensive system in the control center is Vigilant NetView™, a fully digital, video management solution that improves decision-making capabilities, results in greater efficiency, and minimizes the probability for human error. Using a virtual matrix, NetView Command's map navigation and event management capabilities provide operators with information as it unfolds. "NetView Command's intuitive user interface facilitates rapid response and enables fast decision making, which is absolutely critical in this type of environment", stated Ohad Klienman, Director of Product Management, Vigilant Technologies.



Open architecture provides solution and expansion flexibility

Designed with open architecture, Vigilant components are able to fully integrate third-party devices. A variety of specialized MESSOA cameras were utilized in the N'Djili Airport solution, such as Full HD IP Cameras; PTZ (Pan Tilt Zoom) controlled cameras; License Plate and Vandal Dome cameras. The Vigilant-based platform's open architecture enables full-functionality of all devices and features, and provides the flexibility to select best-of-breed solutions in future expansion.

Reliable, available and complete

Robust and reliable, Vigilant Hybrid NVR Servers are an ideal fit for mission-critical environments such as airports that require 24/7 availability. Managing the entire solution from a centralized platform in the control center, Vigilant NetView provides security personnel the information, insight and workflow to efficiently and effectively secure their environment. With the ability to easily navigate around the airport perimeter, along with digital zoom capabilities, operators can view the finest of the detail both live and during playback.

A fully scalable solution

With the successful deployment and implementation of N'Djili Airport's security and surveillance solutions, plans are already in place to expand its reach. As a fully scalable solution, Y.M.A Art-Media Ltd., together with Vigilant, can seamlessly expand the solution during its next phase. "With the installation of the first phase completed so efficiently, and with such a high-level of support from Vigilant, we look forward to working with them on the N'Djili Airport's solution expansion," further commented Mr. Shub.

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 for more information.