



Greater security, control and modernization.



Software defined private cloud.



Savings in operational and infrastructure cost.

MIREX, First Government Entity to Implement Private Cloud Defined by VMware's Software



MINISTERIO DE RELACIONES EXTERIORES
REPÚBLICA DOMINICANA

The Ministry of Foreign Affairs of the Dominican Republic (MIREX) is a centralized institution of the Dominican State, responsible for implementing the country's foreign policy, outlined by the President of the Republic. Among its services are the granting of diplomatic and official passports, issuance of visas, authorization to cross the Dominican-Haitian border, apostille certification and legalization of documents.

The Challenge

MIREX wanted to initiate a process of digital transformation of their data center to virtualize their existing servers in more than 126 places around the world, using a solution that allowed them to speed up and modernize their services for the Dominican community abroad. To achieve this, the institution chose the VMware vSAN solution, with the aim of starting the foundation for their digital transformation of the data center.

The Solution

VMware was the operating environment chosen for the entire modernization plan, both strategic and technical, allowing cost savings, more control, better security, and innovation.

MIREX achieved a successful deployment of the software-defined private cloud within its own data center infrastructure. This implementation allowed the storage of data and other services that were far from local servers and on remote servers, so that employees and customers could thus have easy access through the Internet.

INDUSTRY

Government institution

LOCATION

Dominican Republic

MAIN CHALLENGES

- Achieve greater flexibility and operational efficiency
- Achieve hyperconvergence
- Reduce operational cost

SOLUTIONS

- VMware vSAN
- VMware vSphere with Operations Management
- VMware vRealize Operations
- VMware NSX

OTHER USED SOLUTIONS

- Fortinet
- Dell

BUSINESS IMPACT

- Savings in energy consumption
- Process automation

VMware the DNA of the operating environment combined with Dell solutions and the Fortinet firewall, provided significant cost savings. This solution set removed the complexity for the team, in addition to unnecessary hardware components, optimizing the network for better services. The combination of this triad, VMware, Dell, and Fortinet, makes a case for infrastructure and digital modernization.

Business Results and Profits

- Greater agility and efficiency.
- Cost and space reduction through consolidation.
- Replacement of obsolete equipment with state-of-the-art technology.
- Procurement process automation.
- Execution of safe operations in the data center and in its consulates, ensuring all types of traffic.

With the implementation of VMware solutions, MIREX becomes the first Government entity in the Dominican Republic to implement a private VMware cloud that includes Hyper-Converged Infrastructure (HCI), network virtualization and process automation. This constitutes a milestone for this institution and for the Dominican Republic, which remains as an example and evidence for other government institutions.

“VMware's software-defined data center platform places the Dominican Republic as one of the first countries in Latin America to offer online authentication of legal documents, for the convenience of its citizens.”

JULIO ADAMES

ICT DIRECTOR, MINISTRY OF FOREIGN AFFAIRS OF THE DOMINICAN REPUBLIC

“Regarding voice and telephone services, thanks to the virtualization of the data center and the servers with VMware, we went from an obsolete system with a high cost of updating to one of the latest generation, which allows us to have better communication with the outside world and significant savings.”

VINICIO MONTERO

ICT OPERATIONS MANAGER, MODERNIZATION PROJECT LEADER, MINISTRY OF FOREIGN AFFAIRS

