

Laguna Development Corporation

Company hits jackpot with Fortinet security deployment

Case Study

Situation

The Laguna Indian Reservation is located in beautiful west central New Mexico. The reservation encompasses approximately 533,000 acres of land and is made up of six villages within the Pueblo of Laguna and is home to more than 8,000 tribal members. The Village of Laguna is the main village and is the capitol of the Pueblo. Many tribal members are bilingual and proudly speak the Keresan language, the original language of the people of Laguna.

Laguna Development Corporation (LDC) began managing the Pueblo's gaming operations with completion of the Dancing Eagle Casino in 2000. In addition, LDC manages the Route 66 Casino, Casino Xpress, the Route 66 and Dancing Eagle Travel Centers, The Laguna Superette convenience store, the Pit Stop gas station, Paguate Mart convenience store, RV Park and a Transmix Plant.

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When looking for a solution that could meet the demanding needs of their network, LDC turned to a trusted partner, IPKey.com, for expertise and guidance. IPKey has provided managed security services for small- to medium-sized enterprises since 2004, and has a long standing relationship with both LDC and Fortinet. "Fortinet's technology and IPKey's security services are a winning combination for our clients," Marcus Clarke, president of IPKey.

"We have a very diverse network within the Pueblo and one that is constantly changing," Edward Khader, director of IT at Laguna Development Corporation. "Although we weren't looking for a new network security vendor, the previous solution was difficult to use and manage. When I was told about the Fortinet multi-threat security solution, I decided to take a look and was very impressed."

With three casinos, 2 large travel centers, 3 convenience stores, 1 RV Park and a Transmix Plant all on the same network infrastructure, Fortinet's virtual local area network (VLAN) capabilities were a great benefit of the solution. Without having to buy an appliance for each location and network, LDC utilizes the FortiGate® appliances and creates more than 100 VLANs to support the different business requirements from a single network.

Solution

The Fortinet solution has been deployed throughout the enterprise to provide a plethora of network security functionalities. FortiGate-1000As are located at the main casino and are providing anti-spam, antivirus, intrusion prevention, virtual private network, firewall and Web content filtering protection. Based on the needs of the VLAN constituents, specific rules are set for each group so that only certain VLAN users are allowed to access instant messaging protocols and files located on the network. With a free public Internet also available throughout the enterprise, it was critical that LDC be able to separate network usage based on roles.

Located at one of the casinos is a child care company. Although not on the LDC network, using Fortinet's VLAN capability, Khader was able to create a separate network for the company so that they can have network security, but without having to be on the critical network of the enterprise.

FortiGate-500As are in high availability (HA) mode at one of the remote casinos. The appliance is allowing staff to be protected against Internet threats while also ensuring that 100% network uptime is maintained. The critical nature of casinos and retail location make it an imperative requirement that the network is up at all times.

Located at remote sites are FortiGate-60B appliances. The appliances are allowing the staff at the sites to connect via IPSec VPN to the headquarters. In addition, the tech staffs at LDC and vendors are able to connect via SSL to the main network. The locations are also fully protected from network threats such as malware.

Deployment:
FortiGate-1000A
FortiGate-500A
FortiGate-60B
FortiAnalyzer-800B
FortiManager-400A
FortiMail

Industry:
Hospitality

FORTINET

For network analysis and reporting, Laguna Development Corporation deployed a FortiAnalyzer™-800B solution and for easy network management, a FortiManager™-400A was deployed. Both solutions are located at the Route 66 Casino and are being used to monitor the distributed network.

Fortinet's FortiMail appliance was deployed to replace a McAfee WebShield software based anti-spam solution. Deployed at the largest casino, the FortiMail appliance is being used to scan all emails traversing the enterprise's network and quarantine those emails that are questionable and removing those appearing to be spam.

Success

Consolidating network security functionalities has been a great benefit for Laguna Development Corporation. "One of the great benefits of the Fortinet solution is the consolidated approach to network security. Instead of having to deal with multiple vendors for multiple security functionalities, we now go to one for firewall, VPN, IPS, Web content filtering, anti-spam and antivirus questions," added Khader. "This has allowed my team to be more efficient and I was able to see immediate ROI with reduced maintenance costs and reduced manpower costs associated with managing such a large and distributed network."

All FortiGate systems are kept up to date automatically by Fortinet's FortiGuard® Network, which helps ensure protection against the most damaging, content-based threats from email and Web traffic such as viruses, worms, intrusions, other unwanted network traffic and more - around the clock and around the world. This helps the network security staff to focus on strategic goals rather than constantly checking for new viruses and other malware attacks.

With the deployment of Fortinet's FortiMail™, Laguna Development Company has been able to archive all email traversing the network which is important for data leak prevention. Another benefit is that users get notification when email is being blocked and they can manually go in and either delete the email or release it from quarantine.

Using FortiAnalyzer and FortiManager, Khader and his staff can drill down and find out exactly what's traversing the distributed network. The FortiAnalyzer solution also enables the staff to provide up-to-date network usage reports.

"With Fortinet I now have total control over the network," concluded Khader.

About Fortinet

Fortinet is the pioneer and leading provider of ASIC-accelerated unified threat management, or UTM, security systems, which are used by enterprises and service providers to increase their security while reducing total operating costs. Fortinet solutions were built from the ground up to integrate multiple levels of security protection—including firewall, antivirus, intrusion prevention, VPN, spyware prevention and anti-spam -- designed to help customers protect against network and content level threats. Leveraging a custom ASIC and unified interface, Fortinet solutions offer advanced security functionality that scales from remote office to chassis-based solutions with integrated management and reporting. Fortinet solutions have won multiple awards around the world and are the only security products that are certified in six programs by ICSA Labs: (Firewall, Antivirus, IPSec, SSL, Network IPS and Anti-Spam). Fortinet is privately held and based in Sunnyvale, California.

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