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*– Ariel Bentivoglio
Network Administrator
Industrias Magromer*

INDUSTRIAS MAGROMER
ARGENTINA SINCE 1927

Magromer Reduces Spam and Management Complexity with Fortinet

Situation

Magromer Cueros y Pieles S.A. is a leading global textile company that specializes in lambskin, leather and fur. In business for more than 80 years, the company has made its name for itself by producing and selling furs, lambskins, cowhides and a broad range of semi-finished and finished products. The company owns warehouses, administrative offices and a manufacturing plant in Buenos Aires, Argentina and currently employs more than 400 people, including administrative staff, technicians, workers and engineers.

The Challenge: Creating an Easily Managed Secure Network with Wi-Fi and Spam-Free Email

Magromer needed information security services and products that could simplify its network security, while protecting data and managing the email backup. The company required a secure and easy-to-manage firewall that offered support from a centralized location and could be overseen by a

Details
Customer Name: Industrias Magromer
Industry: Textile
Location: Argentina

Challenges
- Creating a more easily managed network
- Cost effective unification of infrastructure

Objectives
- Integrate WiFi with Security Network
- Become Spam-Free

Deployment
- FortiAP
- FortiGate-80
- FortiGate-100D
- FortiMail-100C

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managed security service provider (MSSP) who could provide rapid and efficient support services. In addition to a network security solution and MSSP, the company wanted to refresh their email security server.

Previously, Magromer relied on an external email service that was difficult to manage and offered no anti-spam, controls or blocking mechanisms. After careful evaluation of several network security vendors, Magromer found that Fortinet's FortiGate, FortiAP and FortiMail solutions exceeded the company's expectations in terms of simplicity, ease-of-management, performance and efficiency, while also offering a robust and comprehensive security feature set.

"For us, it was critical that our information security system be unified and capable of managing email through a simple architecture. After analyzing products against our requirements, we concluded the best option was FortiGate's firewall products," said Ariel Bentivoglio, network administrator for Magromer.

Fortinet offers a unified and centralized architecture that combines the full suite of unified threat management security defenses, as well as secure wireless access control, email security and custom ASICs that guarantees fast and secure throughput while minimizing impact to a network's performance.

After evaluating a number of different Fortinet products, Magromer ultimately agreed to implement a **FortiGate-80** and **FortiGate-100D** to accommodate their firewall requirements. "First, we configured the network with a FortiGate-80 as the primary firewall, enabling VPN, LAN, URL filtering and Wi-Fi to protect the entire network. To better secure the Wi-Fi connections, we chose to implement Fortinet's **FortiAP,**" Bentivoglio continued.

The FortiGate Advantage

The award-winning FortiGate Network Security Platform delivers unmatched performance and protection while simplifying the network. Fortinet offers models for any deployment requirement, from the desktop FortiGate-20 series for small offices and retail networks to the chassis-based FortiGate-5000

series for large enterprises, service providers, data centers and carriers. FortiGate platforms integrate the purpose-built FortiOS™ operating system with custom FortiASIC™ processors and the latest-generation CPUs to provide broad, high-performance security.

The **FortiGate-80C** is a compact, all-in-one network security appliance built for remote locations and supports up to 1.9 Gbps firewall throughput. Like all FortiGates, the FortiGate-80C integrates firewall, application control, advanced threat protection, IPS, VPN, Web filtering and Wi-Fi access control all from one device that's easy to deploy and manage. The device features dual WAN Gigabit Ethernet (10/100/1000) links, for load balancing or redundant ISP connections, delivering high availability and scalability to small or home office application. Six Fast Ethernet (10/100) internal security zone or switch ports and one dedicated DMZ port eliminate need for additional networking devices, reducing investment and management burden.

The **FortiGate-100D** offers all of the advantages of the FortiGate-80C but is able to support up to 2.5 Gbps firewall and features 20 x GE RJ45 ports (including 1 x DMZ port, 1 x Mgmt port, 2 x HA port, 16 x internal switch ports), 2 x shared media pairs (including 2 x GE RJ45, 2 x GE SFP slots), 32GB onboard storage and the ability to support up to 64 wireless access points.

The **FortiAP** Thin wireless access points (AP) are cost-effective IEEE 802.11ac and 802.11n "Thin" APs that provide Integrated Network Security and Wi-Fi client access. The range of FortiAPs includes models for indoor, outdoor and remote installation. The FortiAP series utilizes industry-leading wireless LAN technology, providing client access in both the 2.4 GHz and 5 GHz spectrum, with 802.11ac models supporting a maximum association rate of up to 1,300 Mbps per radio. Fortinet FortiAPs gave Magromer the ability to provide complete visibility and extend Fortinet's award-winning security to the wireless LAN, allowing the company to deploy consistent security policies across both wired and wireless networks.

"We were extremely impressed with the flexibility and simplicity of FortiAP wireless access points, as they

provided a strong and reliable connection between the network and the entire manufacturing plant. The access points enabled us to easily secure and provision Wi-Fi access to all employees, customers and suppliers," Bentivoglio added.

"At the same time, we saw the need and importance of obtaining our own email server to protect our email infrastructure, which led us to evaluate and then select Fortinet's **FortiMail-100C,** in conjunction with DNS/MX backup services," Bentivoglio continued.

The **FortiMail-100C** provides a single solution that helps protect Magromer against inbound attacks, as well as outbound threats and data loss. The appliance's main features include: antispam, antiphishing, antimalware, data leakage prevention (DLP), identity based encryption (IBE), message archiving and antiblacklisting. FortiMail's inbound filtering engine, blocks spam and malware before it can clog a network and affect users. Its outbound inspection technology (including 3G mobile traffic) reduces the loss of sensitive information and prevents other anti-spam gateways from blacklisting users.

The integration of these Fortinet products and services brought stability to Magromer, offering the company a unified, centralized infrastructure to ensure secure connectivity, in addition to the simplicity and scalability required in order to rapidly respond to the growing business.

"One of the benefits of working with Fortinet is that the company knew how to adapt to our needs and growth," Bentivoglio explained. "When our network started to expand, we were able to quickly upgrade to the FortiGate-100D without having to refresh any of the other network security products on the chain."

The Value of Simplicity

For Magromer, it was important to simplify its network security to protect data and manage its email backup service more efficiently.

To help ease installation and management headaches, the company evaluated a number of different managed security service providers (MSSPs) before they ultimately decided to employ the services of GlobalGate, one of the leading providers of technology solutions in the region with 10 years of experience and track record as Fortinet´s strategic partner. The company provides expertise in consulting, support, managed security outsourcing and global solutions.

"We are very pleased to have selected Globalgate as our security partner. GlobalGate's expertise with Fortinet products and managed security services enabled them to install and configure the company's wireless and network security in half a day," closed Bentivoglio.

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