Turkey's Leading E-commerce Platform Offers Flexible and Scalable Services With the Fortinet Security Fabric

Turkey's leading e-commerce platform, n11.com, with its open market structure and successful business model, brings businesses of all sizes into the market by selling their products to individual customers. n11.com also introduced a wholesale e-commerce channel that operates under the name of n11pro. With this new platform, the company brings customers and suppliers under the same roof, reducing cost and operational risks, while offering corporate customers the opportunity to purchase in bulk.

The company, which has reached more than 200,000 registered storefronts and 22 million members, invested in security solutions that align Fortinet's unique and visionary approach to securing flexible, dynamic, and scalable IT infrastructures.

Flexibility and Uninterrupted Performance Through the Fortinet Security Fabric Platform

n11.com needs solutions that can respond quickly to changes in the sectors in which it operates, as well as to its dynamic structure and business model. The company prioritizes both stability and the flexibility in the face of these changing conditions. Seeking a security solution to meet these needs, n11.com replaced its unscalable, non-dynamic, and inflexible solution with the Fortinet Security Fabric.

As an e-commerce platform with a high transaction volume, n11.com achieved flexible and stable performance by transitioning to Fortinet's FortiGate next-generation firewall (NGFW), FortiSandbox zero-day threat protection, FortiWeb web application firewall, FortiMail secure email gateway, and FortiAnalyzer and FortiManager management and analytics solutions. This flexible and stable security solution has prevented both internal and external known and unknown threats and malicious activities.

Noting the great advantage of completing the installation and configuration processes in a short time frame, n11.com Information Security Group Manager Esat Yaşar Çağlayan comments, "We implemented several solutions of the Fortinet Security Fabric. We use the web filtering and application control features on FortiGate. We also have a special FortiGate structure dedicated to IPS [intrusion prevention system] that integrates with FortiSandbox. The IPS in FortiGate detects known exploits, while FortiSandbox reveals unknown, or zero-day, exploits. We perform log analysis with FortiAnalyzer, and manage all of our Fortinet devices with FortiManager. In particular, FortiAnalyzer provided great convenience to our team in terms of both problem-solving and log review. We also analyze our traffic and risks with the reports that come with FortiAnalyzer and tailor them to our needs."

![n11.com logo]

"While investing in Fortinet, we invested in Fortinet's unique and forward-looking vision. By switching to Fortinet solutions, we gained stability, integration, and high-level security capabilities. Fortinet Security Fabric solutions communicate with each other and respond automatically."

– Günseli Gökalp, IT Service Management Director, n11.com

Details

Customer: n11.com

Industry: Retail

Location: Istanbul, Turkey

Business Impact

- Improved threat detection capabilities

- Increased security levels and impact with out-of-the-box integration and automation capabilities

With a two-phase investment in Fortinet Security Fabric solutions, n11.com has increased capacity that will support its rapid business growth. It has also aligned its vision to the current trends in cybersecurity.

According to Çağlayan, "The Fortinet Security Fabric offers tangible benefits rather than an abstract vision. In line with these benefits, we expanded our investments and added FortiSOAR [security orchestration, automation, and response], a comprehensive SOAR solution, to our security fabric architecture. We also included FortiWeb [web application firewall] and FortiIsolator [browser isolation] solutions to our systems. Every investment we make in Fortinet's solutions adds strength to our cybersecurity."

Security Fabric Protects Intense Online Traffic During Global Shopping Festival

During the recent "11.11" global shopping festival, Fortinet maintained system-wide security on n11.com. The website logged more than 1 million simultaneous connections per second during the campaign period.

n11.com experiences its highest-volume shopping traffic during the 11.11 campaign, which is similar to "Black Friday" campaigns all over the world. n11.com IT Service Management Director Günseli Gökalp says that the intensity of online shopping traffic in this period has increased tremendously, and that with the Fortinet solutions, they have successfully completed 11.11 campaigns in the past two years without any problems.

Increased Operational Efficiency and Commercial Achievements

Fortinet products are managed by seven-person network and security teams at n11.com. n11.com teams can easily use Fortinet's products, thanks to their user-friendly interface and customizable features. These have alleviated much of the operational burden, and the teams have increased their competence with the training provided by Fortinet.

n11.com, which routes all of its network traffic through Fortinet devices, has also achieved significant commercial gains thanks to their high-performance, flexible and stable structure. n11.com is pleased that at the same time, Fortinet has not compromised its cost advantage for its customers and has proved to be the most financially optimal solution for n11.com.

The n11.com security team is tasked with maintaining the performance of its systems amid constantly changing security risks. It has made significant contributions to defending its applications against advanced attack techniques by leveraging real-time sharing of zero-day intelligence as part of the Fortinet Security Fabric to mount rapid responses to emerging threats. According n11.com, integrating its systems with the Fortinet Security Fabric structure has not only increased the company's visibility but also reduced the security risks that it may encounter.

Business Impact (contd.)

- Met fast-growing business needs and information security requirements

- Managed wider attack surfaces and threats without the need for additional human resources

Solutions

- FortiGate
- FortiAnalyzer
- FortiManager
- FortiSandbox
- FortiMail
- FortiWeb
- FortiIsolator
- FortiSOAR

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– Esat Yaşar Çağlayan, Information Security Group Manager, n11.com

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