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Brazilian Benefits Card Company Improves Security and Availability in the Cloud with Fortinet Solutions

Vólus is a Brazilian payment company specializing in the benefits card market, fleet management, and corporate expenses, with more than 20 years in the market and operations all over Brazil. Over the last five years, Vólus has greatly expanded its business with new strategic partnerships, such as Elo and Good Card, and today issues over half a million cards.

With more than 10,000 companies in its client portfolio and offices spread across all regions of the country, the company faced new operational and security challenges. With all its data centers on-premises, the company needed to increase the availability of its systems and improve its network access controls, ensuring greater security in its operations. "Even with network redundancy, we understood the need to increase application performance to guarantee a better experience for our users," explains Rodrigo Mendonça, IT manager at Vólus.

Due to its large expansion, Vólus also needed to update its information security policy to meet financial market standards, LGPD, PCI, and others in an even more efficient, implementing more robust security solutions.

A Smooth-Running Hybrid Environment

Vólus chose a multi-cloud environment combining on-premises data centers with Oracle Cloud Infrastructure (OCI), supported by Fortinet's local partner 3DB, to modernize its technological infrastructure.

The company deployed seven FortiGate Next-Generation Firewalls (NGFW), which protect the information in its on-premises data centers, public clouds, and branches, guaranteeing protection for the company's operations. The FortiGate NGFWs are also responsible for enforcing security rules and identifying possible threats to Vólus' network, preventing malicious actions.

Since Vólus' partners and third-party workers used to access specific business applications remotely, the company decided to protect its infrastructure and cloud applications on OCI with the FortiGate NGFW virtual machine (VM). According to Mendonça, cost-effectiveness was a critical factor in choosing the FortiGate VM as the solution for their cloud protection. "We already knew the benefits of Fortinet solutions performance in our data center. So, by deploying FortiGate in the cloud, we knew that all the applications would have the same level of protection and smooth interoperability," says Mendonça.

Although Vólus made complex IT infrastructure changes, the transition to a multi-cloud model was smooth. The IT team attributes this success to the FortiGate implemented in the data center, which ensured a resilient and safe network

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Vólus

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Rodrigo Mendonça
IT Manager,
Vólus

Details

Customer: Vólus

Industry: Financial Services

Location: Brazil

Business Impact

- High availability and secure connections among the main office, branches, and remote workers

- Gained high-level protection for Vólus applications on the Oracle Cloud Infrastructure

- Increased protection for a multi-platform environment, ensuring security and reliability

- Increased visibility across the IT infrastructure by strengthening zero-trust network access

environment that helped ease the transition. "We chose to use a single vendor because Fortinet solutions work together in an integrated platform, allowing us to manage them centrally in our operations," shares Mendonça.

Reliable Connectivity and Availability

With two FortiGates in the OCI, Vólus deployed Fortinet Secure SD-WAN for the communication between the on-premises data centers and the public clouds (OCI), ensuring performance and quality in the network connections, essential for the means of payment sector since financial transactions take place in real-time. "With Fortinet Secure SD-WAN, we've achieved a more resilient network, allowing us also to improve the speed of transactions," shares Mendonça. This way, Vólus can also identify performance fluctuations in internet links, alternating to the best possible connection. As such, fluctuations in the speed of internet links do not affect users. "The integration of FortiGate and Fortinet Secure SD-WAN means that our users can keep swiping their cards continuously. Fortinet solutions help us to provide a secure and reliable environment for our customers," says Mendonça.

The company also implemented the FortiClient EMS VM solution to secure external partners' and employees' Vólus network access. This solution guarantees the same levels of protection and reliability, maintaining security and reinforcing the company's zero-trust network access (ZTNA) policy.

Vólus has also relied on FortiCare Premium Support services to help the IT team use its Fortinet solutions. Through FortiCare, a dedicated team provides end-to-end services and the necessary support to ensure the operation runs smoothly.

Solutions That Grow with the Company

For Mendonça, the benefits of deploying Fortinet's solutions were positive from the beginning—the main highlights were the security applied to the data center and the OCI cloud and the easy management of the solutions. With the security visibility offered by Fortinet's solutions, Vólus can identify and prevent possible threats. "Fortinet allows us to run on-premises and cloud financial operations without interruptions, all while being protected from security threats and meeting compliance regulations," says Mendonça.

Vólus, always on the lookout for new market solutions, is preparing to take the following steps and launch its own digital account and acquiring service. Seeking to increase its presence in the financial market, the company also intends to obtain new security certifications and rely on Fortinet solutions to achieve this new objective. "We know that requesting a new security certification means a series of new requirements, but we are certain that the Fortinet platform will help us achieve the standard levels necessary to achieve our goals," concludes Mendonça.

Solutions

- FortiGate Next-Generation Firewall
- FortiGate VM
- Fortinet Secure SD-WAN
- FortiClient Enterprise Management Server

Services

- FortiCare Premium Support

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