Bitdefender®

Global construction firm advances cybersecurity blueprint

Construction engineering company improves endpoint protection, reduces time on encryption and patch management, and simplifies security administration

This global construction management firm provides businesses and government agencies with electrical engineering, communications, security, and other industrial systems. With headquarters in Europe, the company operates more than 100 offices and subsidiaries across Europe and Africa.

Industry
Construction

Headquarters
France

Employees
10,000+ (IT staff, 50)

Results
- Decreased time on managing security-related trouble tickets by 80 percent

- Significant improvement in blocking security infections

- Improved data security and compliance with automated encryption

- Easy-to-use console minimizes training

THE CHALLENGE

Detecting security infections is one aspect of comprehensive cybersecurity protection. Blocking infections and disinfecting affected endpoints also are critical. When a large construction management firm in France was using Trend Micro, the IT team was receiving daily reports of infections. Not only was IT required to manually clean the endpoints, but users' daily work was interrupted.

IT decided to perform a comprehensive review of cybersecurity solutions from Bitdefender, F-Secure, Kaspersky, Malwarebytes, Sophos, and Trend Micro. Bitdefender GravityZone Elite stood out as the clear choice.

Chief Information Security Officer, Global Construction Company, says, "Bitdefender GravityZone offered the easiest to use and cleanest user interface over the other solutions we evaluated. In our proof of concept, GravityZone was extremely easy to deploy and automatically uninstalled Trend Micro. It also did a great job detecting and blocking security infections and cleaning endpoints when necessary."

THE SOLUTION

The construction management firm uses Bitdefender GravityZone Elite to provide integrated endpoint protection and risk management for 6,500 Apple macOS, Linux, and Microsoft Windows workstations; Microsoft Hyper-V and VMware ESXi virtual servers; VMware vSphere virtual machines; as well as Android smartphones and tablets.

In addition, the company depends on GravityZone Full-Disk Encryption to automate management of BitLocker encryption keys and GravityZone Patch Management for automated patching of operating systems and applications.

The company uses GravityZone Elite's Sandbox Analyzer, an endpoint-integrated sandbox to analyze suspicious files, detonate payloads, and report malicious intent to administrators.

GravityZone protects the company's applications, such as Autodesk and Microsoft Active Directory, among others.

THE RESULTS

The attractiveness of the GravityZone console in the selection process proved to deliver high value to the IT team.

"With the GravityZone console, our team found it extremely easy to deploy endpoints, manage policies, and handle the day-to-day security administrative tasks," notes Chief Information Security Officer. "As a result, we have not needed a lot of training."

The Chief Information Security Officer estimates that the IT team spends 80 percent less time on endpoint protection-related trouble tickets. Not only do these time savings reflect GravityZone's success in protecting the environment, but also show users are issuing fewer trouble tickets.

Since deployment four years ago, GravityZone has protected the global construction management company from security breaches and has generated only one false positive that incorrectly quarantined a file. IT quickly adjusted the policies and the file was released.

With 6,500 endpoints, IT is responsible for ensuring each endpoint is encrypted and updated with the latest patches. GravityZone Full-Disk Encryption and GravityZone Patch Management have greatly streamlined both of those important tasks.

"Previously, we had to manually manage thousands of encryption keys across our environment using Windows," Chief Information Security Officer states. "With GravityZone Full-Disk Encryption, encryption keys are automatically saved and easy to retrieve when needed. The encryption efficiency enabled by GravityZone has led to improvements in our data security and compliance."

Since moving from a third-party patch management solution to GravityZone Patch Management, patch compliance has improved from 5 to 80 percent. Because GravityZone automatically scans and updates patches, IT spends less time on patch management as well.

Chief Information Security Officer also appreciates the close partnership with Bitdefender.

He says, "Anytime we have a question or issue, Bitdefender provides a fast, knowledgeable response. When thousands of employees needed to work remotely due to COVID-19, Bitdefender was quick to guide us on how to securely make our professional resources available to home computers via the network. With Bitdefender's continued development of the latest security technologies, we are confident their solutions will evolve with our needs. In fact, we're now speaking to Bitdefender about adding EDR to our protection."

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Chief Information Security Officer, Global Construction Company

Bitdefender Footprint
- GravityZone Elite
- GravityZone Full-Disk Encryption
- GravityZone Patch Management

IT Environment
- Android
- Autodesk
- Microsoft Active Directory
- Microsoft Hyper-V
- VMware ESXi
- VMware vSphere

Operating Systems
- Linux
- macOS
- Microsoft Windows