FIREEYE™

Industrial Valve Manufacturer Secures Multinational Infrastructure

Integrated FireEye Solutions Unify Global Protection Across Key Threat Vectors

FACTS AT A GLANCE

INDUSTRY

Manufacturing

SOLUTIONS

- FireEye Network Security
- FireEye Endpoint Security
- FireEye Email Security—Cloud Edition
- FireEye Helix

BENEFITS

- Consolidated protection across all primary threat vectors unifies response deployment
- Central console simplifies management for all solutions
- Real-time threat detection and intelligence-informed response recommendations
- Knowledgeable and engaged account team provide timely support

CUSTOMER PROFILE

As a creator of innovative valve solutions, this manufacturer's products are designed to be deployed in severe environments across a broad range of industries, including oil and gas, mining and petrochemicals. Founded many decades ago, the company has since grown into a multinational enterprise with sales and repair centers in almost 50 countries.

Across its history, this industrial valve manufacturer has built a global reputation for engineering some of the market's best shutoff and control solutions for the harshest environments.

The company's lead manager for IT infrastructure system security emphasized the gravity of protecting its portfolio of innovations, "The intellectual property contained in our designs is one of our most valuable assets; monitoring and securing every node in our global infrastructure to protect these creations from cyber hackers is critical."

Motivated by the escalating effectiveness of attacks, the manufacturer's IT team launched an initiative to strengthen protection of its distributed environment. A key focus was ensuring defenses were consistently fortified across all threat vectors that could be exploited by a sophisticated cyber attack.

The security manager elaborated, "We were looking for an industry-leading product that could provide advanced malware protection. We wanted to be able to gather more insight on what was happening across our environment so if anything malicious ever did penetrate the infrastructure, we'd have the intelligence needed to rapidly remediate the situation."

Another goal of the project was to maximize the impact and efficiency of the company's modestly sized IT team; reducing the amount of time needed to detect threats, analyze intent and mitigate impact were key areas of improvement.

"Rather than managing our environment through disparate systems and having to consolidate logs from multiple locations, we wanted to implement a solution that would consolidate our defenses into a single, unified ecosystem," recalled the security team lead.

"Building our security posture on an integrated suite of FireEye solutions really simplifies managing and protecting our complex environment."

— IT Infrastructure System Security Lead, Global Industrial Valve Manufacturer

A Unified Security Ecosystem with FireEye

After researching various prominent cyber security companies, the manufacturer opted to conduct a proof-of-concept (POC) with FireEye. "We implemented FireEye Network Security and were impressed by the value we were able to derive over the course of the one-month POC," recounted the security team leader.

He continued, "Deployment was incredibly easy; just plug-and-play. Intelligence gathering started immediately and we actually prevented a potential breach during the POC!"

After the successful conclusion of the testing phase and subsequent full deployment of FireEye Network Security, the manufacturer's IT team worked closely with the security solutions provider's account team to explore additional FireEye solutions that could provide complementary protection across other threat vectors.

The discussions culminated in the implementation of FireEye Endpoint Security and FireEye Email Security—Cloud Edition to monitor and protect Microsoft Office 365 email traffic. The IT team also deployed FireEye Helix in the company's security operations center to consolidate notifications from the individual FireEye solutions into a single portal and simplify management of the entire environment.

Cross-Vector Integration Simplifies Management

"We moved to FireEye Email Security—Cloud Edition rather than rely on the features included in Office 365. The solution is closely coupled to the other FireEye components and is able to provide highly contextualized alerts when any potentially malicious content is suspected," explained the IT team lead.

"FireEye Email Security has done a superb job at quarantining messages with malicious attachments. We've seen a dramatic decrease in the number of malevolent attachments since implementing the solution."

The integrated security strategy has been a success: "Our entire environment is easier to monitor now because the solutions we have deployed to cover our major threat vectors all communicate with one another, enthused the spokesperson. "FireEye Helix facilitates this collaboration by consolidating the alerts on a single dashboard, attributing levels of severity to the notifications and providing our team with actionable steps to mitigate the attacks."

According to the IT infrastructure system security lead, FireEye support has been "outstanding" since day one: "When I call FireEye with a question, my query is always resolved in a timely and professional manner."

He continued, "We've also enjoyed a wonderful relationship with our FireEye account manager since the beginning. She's really taken the time to understand how we operate and tailors her recommendations to optimize our security posture in a way that recognizes the business and operational pressures that we have."

The Power of Dependable Partners

"As an IT infrastructure manager, I oversee a lot of systems and platforms on a daily basis. Building our security posture on the integrated suite of FireEye solutions really simplifies managing and protecting our complex environment. If a breach ever should occur, I know my team is well positioned to quickly assess, diagnose and deploy an effective response to the attack," remarked the manager.

Ruminating on the future, he concluded, "With cyber security an integral part of our CEO's broader vision, I'm confident that FireEye is the right long-term cyber defense partner for us."

To learn more about FireEye, visit: **www.FireEye.com**

About FireEye, Inc.
FireEye is the intelligence-led security company. Working as a seamless, scalable extension of customer security operations, FireEye offers a single platform that blends innovative security technologies, nation-state grade threat intelligence, and world-renowned Mandiant® consulting. With this approach, FireEye eliminates the complexity and burden of cyber security for organizations struggling to prepare for, prevent and respond to cyber attacks.

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