

FMC Technologies Case Study

Co-Managed Messaging Security for a Global Enterprise

EXECUTIVE SUMMARY

FMC TECHNOLOGIES AT-A-GLANCE

- Headquarters: Houston
- Business: A Fortune 500 technology provider for the energy industry
- Employees: 10,400 individuals across 25 production facilities in 15 countries
- 2009 Revenues: US \$4.4 billion

Overview

FMC Technologies, Inc. is a leading global provider of technology solutions for the energy industry. Named by Fortune Magazine as the World's Most Admired Oil and Gas Equipment, Service Company in 2010, FMC designs, manufactures, and services technologically sophisticated systems and products such as subsea production and processing systems, surface wellhead systems, high-pressure fluid-control equipment, measurement solutions, and marine loading systems for the oil and gas industry.

The Cisco Advantage

- Comprehensive messaging security racked, stacked and managed at a Cisco managed data centers
- Single, "always-on" interface for real-time information on deployed appliances and access to tracking data
- The industry's most accurate spam detection
- Multilayered, multivendor approach to virus defense

"Cisco has done a great job consolidating best of breed solutions to ease email security management in our network."

— Carl Easton, Global Microsoft Network Manager, FMC Technologies

The Situation

As its sales and operations grew around the world, FMC Technologies required a robust, reliable and flexible email security environment to protect its expanding network's global configuration. It demanded a new, hassle-free system that would be easy to use, agile and able to deliver best-in-class protection against increasingly sophisticated spam and virus attacks.

Technical Challenges

With spam accounting for nearly 90 percent of today's email traffic, and viruses continuing to evolve in complexity and danger, FMC Technologies sought a security solution that could quickly stop such threats, while smoothly consolidating management across 10 overseas domains. Having relied on other outsourced products for perimeter security, FMC looked to reduce the footprint of its on-site data center and out-task the management of its email security - while retaining valued access to and visibility of the hosted infrastructure. After an extensive search, FMC turned to Cisco® and the Cisco IronPort® Cloud Email Security solution.

The Cisco Advantage

Built on a foundation of award-winning technology, Cisco IronPort Cloud Email Security provides FMC Technologies with protection against messaging threats. The solution is easy to manage, enables administrative flexibility, and provides detailed information about the content entering and leaving its email system.

Cisco IronPort Cloud Email Security meets FMC's unique requirements for a messaging network that stretches around the globe, including their expectations for comprehensive defense against spam and virus threats. Racked and stacked in a Cisco data center, the system draws on the best available technologies and proactive email security specialists to deliver the industry's highest spam catch rates and lowest false positive rates.

The solution provides the capacity required to protect FMC's email users, while maximizing performance regardless of spam volume. Its guarantee of 99.999 percent uptime ensures that comprehensive protection virtually non-stop.

Cisco IronPort Reputation Filters draw on the vast Cisco SenderBase[®] Network, which executes real-time threat assessment and identification of suspicious senders. Additionally, the Cisco Context Adaptive Scanning Engine (CASE) analyzes the content of the message, where it is coming from, how it is been constructed and where it leads recipients. This thorough review halts an enormous range of threats with industry-leading accuracy. The solution also equips FMC with multilayered, multivendor virus filtering, including Cisco IronPort Outbreak Filters as a first level of defense that consistently protects against new outbreaks hours before virus signatures become available. By integrating McAfee and Sophos anti-virus technology, the solution provides additional layers of traditional virus detection against today's complex attacks.

"We wanted something that would give us the flexibility to manage our own environment," says Carl Easton, Global Microsoft Network Manager of FMC Technologies. "We also liked the convenience of having it as an outsourced solution. The Cisco solution gave us the best of both worlds."




Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV Amsterdam,
The Netherlands

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