



## Case Study

# Financial Technologies

### PROFILE:

INDUSTRY: Finance, IT

### KEY REQUIREMENTS:

- A web security solution that would work with its Windows Terminal Server architecture
- Next-generation SSL filtering with comprehensive reporting features
- Protection from malware, spoofing attacks, phishing scams, and other Internet threats

### MAIN BENEFITS:

- The ability to decode, inspect, and filter SSL-encrypted web traffic to and from any device, with no noticeable network latency
- Unrivaled protection from online threats
- Enhanced productivity among employees—and greater visibility into network use
- Highly responsive technical support with same-day resolution

## ContentKeeper is a Wise Investment for this Global Financial IT Firm

### OBJECTIVE

Financial Technologies was looking to protect its network from malware and keep employees on task while using company resources. Financial Technologies needed a web security solution that would work with a Windows Terminal Server architecture, identifying and reporting on the Internet activity of individual network users who were connected to a Terminal Server—as well as other users.

### SOLUTION

Financial Technologies discovered the perfect solution for its needs in ContentKeeper. The company is using ContentKeeper's technology to protect its network against a wide range of online threats, while providing real-time monitoring and reporting of employees' Internet activity. This reporting and protection applies to users who access the company's network through a Terminal Server, as well as those who connect from a BlackBerry smart phone or other mobile device.

### Background

As a company that produces an exchange engine for making secure financial transactions online, Financial Technologies understands the need for robust Internet security. "We are very finicky on security. We have so many secure practices, it's like we breathe security," said Neehar Pathare, vice president of IT for the organization.

As part of a multilayered approach to Internet security, Financial Technologies wanted a solution that would prevent its employees from inadvertently introducing malware, falling for spoofing attacks, or initiating Denial of Service attacks. The company also wanted to ensure that employees weren't accessing any websites they shouldn't be while working.

Financial Technologies tried another web security product, but it was "an absolute nightmare," Pathare said. "It could not give us the reports we needed." The company uses a Windows Terminal Server architecture, designed to provide an additional layer of security. This other solution was reporting each Terminal Server as a single network user, instead of seeing it as hundreds of distinct users connected through one Terminal Server, therefore, individual reporting was impossible.

### Why Choose ContentKeeper?

"When we started looking at different solutions, we wanted something that would work with our Terminal Server (setup)," Pathare said. Aside from ContentKeeper, "there was no competing product that would do that."

## Case Study: Financial Technologies

“The solution provides very good performance when monitoring encrypted content in real time... ContentKeeper is truly an enterprise-class solution that any organization should buy.”

Neehar Pathare  
Vice President of IT

However, ContentKeeper’s advanced filtering and reporting capabilities can distinguish between individual users connecting through a Windows Terminal Server, giving IT staff unparalleled visibility into employees’ website requests. ContentKeeper also offers solutions for mobile Internet security, enabling the company to extend this filtering and reporting to its roughly 700 employees who would be accessing the network from a BlackBerry or other handheld device.

The solution also blocks employees’ access to harmful content, prevents them from downloading malware by mistake, and is easily deployed across multiple branch offices.

### Superior SSL Filtering

Although Financial Technologies initially chose ContentKeeper for its ability to work with a Terminal Server architecture, Pathare and his staff have come to appreciate many other aspects of the solution—including its superior decryption, filtering, and reporting of requests for websites with Secure Socket Layer (SSL) encryption.

Financial Technologies employees frequently access many banking websites, which are SSL-encrypted. ContentKeeper’s proprietary in-line bridge technology can decode, inspect, filter, and log the full URL string for SSL-encrypted web traffic at multi-gigabit speeds—resulting in exceptional visibility and control over website requests with no noticeable network latency.

With ContentKeeper, Financial Technologies can restrict or deny employees’ connections to websites with self-signed or invalid SSL certificates, such as bank spoofing or phishing sites; ensure that web traffic over SSL connections is legitimate, and not an attempt to circumvent normal web filtering policies; make sure information uploaded to the Internet is authorized and not confidential; and ensure that downloads don’t contain malicious content.

In addition, ContentKeeper’s support “has been excellent,” Pathare said. The few resolutions that Financial Technologies has needed have been handled quickly and efficiently.

### RESULT

ContentKeeper has protected Financial Technologies network from malware and other Internet threats, while also ensuring greater productivity. The solution has been a highly valued component of a comprehensive Internet security strategy that includes five different types of network firewalls, failovers in the event of a Denial of Service attack, and 24-7 network monitoring from a Network Operations Center with 60 employees.

“I think ContentKeeper is truly an enterprise-class solution that any organization should buy,” Pathare concluded.

