FireEye
SECURITY REIMAGINED

Finansbank Detects Zero-Day and Targeted Attacks with FireEye

CUSTOMER STORY

KEY COMPONENTS

- FireEye Network Threat Prevention Platform

Since its inception, Finansbank has amassed a broad selection of specialized subsidiaries, such as real estate, portfolio management, and financial applications. These are complemented by a technology company, IBTech, that focuses on all aspects of IT infrastructures relating to financial services, including architecture, operations, and security.

Banks are always a high-profile target for threat actors across the world. Mert Sarica, senior penetration tester for Finansbank commented, "Our infrastructure contains an extensive amount of hardware, applications, networks, and online banking systems; each with their own characteristics and potential vulnerabilities. With an environment of this complexity it is imperative to deploy best-in-class security measures. However, with the escalating sophistication of multi-domain attacks it became very evident that traditional security technologies were becoming increasingly inadequate and easily bypassed."

COMPANY	Finansbank
INDUSTRY	Financial Services
DESCRIPTION	Founded in 1987 and headquartered in Istanbul, Turkey, Finansbank is renowned for its extensive inter-country banking network; including operations in Bahrain, Belgium, the Netherlands, France, Germany, Ireland, Romania, Russia, and Switzerland. The bank operates approximately 660 branches and has more than 12,000 employees.
CHALLENGE	• Detect and mitigate web-based threats that have bypassed existing traditional security measures • Accommodate Finansbank's diverse, distributed infrastructure and support detailed offline analysis of malware components
SOLUTION	• FireEye® Network Threat Prevention Platform
BENEFITS	• Full protection across complex environment against blended, advanced attacks • Ability to archive suspected malware for future analysis • Ease of integration with existing security information event management system

"Security and data integrity are mission-critical imperatives for Finansbank; having FireEye in our infrastructure just makes us more secure: Period."

— **Mert Sarica,** senior penetration tester, Finansbank

He continued, "We spoke with a number of security product providers and industry experts, and we began seeing a pattern of recommendations emerging from many sources for the FireEye suite of solutions. We contacted the company and collaborated to identify exactly what Finansbank needed to deploy to supplement our existing defenses."

IT ALL COMES DOWN TO EXPOSURE

Following a period of additional research Finansbank implemented a FireEye Network Threat Prevention Platform to guard against zero-day web exploits and multi-protocol callbacks. Sarica noted, "The most critical success factor for us was the threat detection performance of the solution: After all of our testing was conducted we felt confident that this was the right approach to safeguard the bank from advanced malware, zero-day and targeted attacks. We especially liked the protection against blended threats that had already evaded multiple layers of legacy security controls.

"Another key benefit was the FireEye platform's ease of integration with our existing security information event management (SIEM) system. Compatibility with legacy components, such as the SIEM system, alleviates the need for additional investments in hardware, software, and training."

In addition to penetration testing, part of Sarica's role involves the analysis of malware that specifically targets Internet banking customers. He noted, "The platform's use of the FireEye Multi-Vector Virtual Execution™ (MVX) engine and the ability to archive suspected malware for later scrutiny have both been major pluses for this aspect of my job."

A BIGGER STAGE BRINGS BIGGER EXPOSURE

We are continually investigating new security solutions; the FireEye technology has always been extremely compelling to us, and it has been very validating to see the company back this up with its continuously evolving expertise and innovation. The ever-expanding threatscape makes it a constant challenge to keep our environment protected, but FireEye continues to deliver," concluded Sarica.

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

FireEye, Inc. | 1440 McCarthy Blvd. Milpitas, CA 95035 | 408.321.6300 | 877.FIREEYE (347.3393) | info@fireeye.com | **www.fireeye.com**