



# Citizens National Bank of Texas Increases Advanced Cyber Attack Protection with FireEye

## FACTS AT A GLANCE

### INDUSTRY



Finance

### SOLUTIONS

FireEye Network Threat  
Prevention platform

### BENEFITS

Malicious threats proactively  
countered without the need to take  
users offline

Multi-vector protection for  
Web-based and email weaknesses

Defenses implemented against  
exploits that elude the bank's other  
security measures



Citizens National Bank of Texas takes great pride in retaining a personal touch to meet the needs of local customers and communities. Wade Jones, CIO and senior vice president at the bank explained how this impacted his own role. "Because we see most of our clients face-to-face each day, there is a much closer relationship compared to the way the national and global banks interact with their customers. If we don't fiercely protect data with the latest data security measures, a single breach could damage our reputation."

“With our FireEye Network Threat Prevention Platform we don’t have to worry about malicious threats to our systems and we can now proactively block malware from reaching desktops. And because the computers are now truly locked down, users don’t experience downtime anymore.”

— **Wade Jones**, CIO and senior VP, Citizens National Bank of Texas

The bank previously relied on a firewall for application-level blocking, an email gateway, and an anti-virus solution to protect its infrastructure. Jones noted, “The existing combination was capable of identifying certain malware activity but we found we were always reactively responding to attacks. We were never in a position to proactively address the threats.”

#### **FireEye locks down infrastructure**

Following a recommendation by an independent security consultant, the bank performed a detailed evaluation of the FireEye platform. “The inherent intelligence of FireEye’s solution was immediately evident and we felt that our purchase of the FireEye® Network Threat Prevention Platform represented the final piece in the puzzle to lock down our infrastructure,” recalled Jones.

The FireEye Network Threat Prevention Platform is deployed inline between the firewall and Internet gateway; preventing malicious multi-protocol callbacks and blocking inbound Web exploits that elude the bank’s other security measures.

As an integral component of the FireEye Network Threat Prevention Platform, the FireEye Multi-Vector Virtual Execution™ (MVX) engine confirms zero-day attacks and captures callback destinations to dynamically prevent users from accessing a malicious channel. The signature-less FireEye MVX engine executes suspicious binaries and Web objects against a broad range of browsers, plug-ins, applications, and operating environments to determine the true intent of the malicious code.

“The FireEye Network Threat Prevention Platform not only protects our users when they visit websites but also when they receive email with malicious attachments or links: having both levels of protection is absolutely critical to us. The whole banking industry is subjected to a huge variety of very sophisticated attacks that exploit both Web and email weaknesses. We see many spear phishing attacks in which malicious emails disguise themselves as coming from legitimate business partners. If users click on a bad link or attachment that initiates a callback, the FireEye Network Threat Prevention Platform blocks it every time,” stated Jones.

#### **Better protected and more productive because of FireEye**

Several Citizens National Bank of Texas employees recently received an email that appeared to come from a trusted business partner. Jones elaborated, “Five users tried to open an apparently innocuous attachment but the FireEye Network Threat Prevention Platform detected that it included embedded malware and immediately started blocking the approximately 200 callbacks each machine tried to generate. If any of these reached their intended target they could have severely compromised the bank’s systems but the FireEye solution just doesn’t allow this type of data to leave our network.”

Jones declared, “FireEye has placed us in the position to proactively counter malicious threats; we now don’t have to take a user offline in order to rebuild their PC following an attack. We’re better protected and more productive!”

“Cybercriminals grow smarter all the time, that’s why our use of the FireEye next-generation security platform is now mandatory throughout the bank’s infrastructure.”

To learn more about FireEye, visit: [www.FireEye.com](http://www.FireEye.com)

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#### **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. FireEye has over 5,300 customers across 67 countries, including more than 845 of the Forbes Global 2000.

