



THE WEI SECURITY SUITE: BECAUSE NO BUSINESS IS IMMUNE

From banking to healthcare, insurance, manufacturing, entertainment and retail, no industry is beyond the reach of cybercriminals. What's even worse, cyberattack techniques are evolving fast—as demonstrated by recent delayed attacks that can slip by perimeter defenses and sophisticated cryptoworms that can spread quickly throughout an organization and launch autonomously.

According to a recent report, more than half of cyber breaches include malware, and of those involving attackers, 81 percent leveraged stolen or weak passwords¹. But attacks don't necessarily always come from the outside. The same report found that 25 percent of incidents involve internal attackers. These insider threats can take the form of a disgruntled worker who steals confidential information on his way out the door, or an uninformed employee who clicks the wrong link and invites attackers right in.

With the rate of innovation that's occurring in cybercrime and the expanded threat surface of today's technology-enabled business, IT security has taken center stage as the new killer app. But all-in-one security tools have proven inadequate and ineffective in this fight. Instead, organizations are turning to a customized, comprehensive, and integrated defense to help keep their digital assets safe. That's where WEI can help.

UNIQUE SECURITY SOLUTIONS FOR UNIQUE CLIENT NEEDS

WEI realizes no two organizations have the same needs or priorities when it comes to IT security. So we harness decades of security expertise to create unique solutions that align with our clients' true security needs, the systems they have already deployed, and the skill-sets of their internal IT teams. From secure content and threat management to security and vulnerability management to identity and access management, WEI offers an advanced security suite that can help prevent internal and external threats wherever they arise.

SECURE CONTENT & THREAT MANAGEMENT

Every device with a connection to your network creates a potential entry point for security threats. Email has long been a favorite attack vector of cybercriminals and is often an early stage of advanced threats. Another easy point-of-entry is an unprotected Web application, which is vulnerable to a number of attack types.

The WEI multi-layered approach starts with Secure Content & Threat Management, which offers six tools to protect servers, network infrastructures, desktops, laptops, mobile phones, and wireless devices. By utilizing a combination of these solutions, your business can keep applications safe from sophisticated threats such as SQL injections, cross-site scripting, buffer overflows, cookie poisoning, malicious sources, and denial-of-service attacks.

Endpoint Security

Provides advanced protection from malware, browser exploits, ransomware, and threat variants that are driven by machine learning, behavioral analysis, command-and-control blocking, application white-listing, Web-reputation filtering, and sandbox integration. A few of our trusted vendors include TrendMicro, Fortinet Forticlient, and Kaspersky.

Network Security

Delivers unified intrusion prevention, threat management and next-gen firewalls that manage application control and URL filtering to enable IT to easily investigate and remediate malware outbreaks. Two of our trusted vendors include Cisco Firepower and Fortinet Fortigate.

Messaging Security & Encryption

Keeps threats from sneaking in and data from leaking out with inbound and outbound email security, along with flexibility in deployment modes to fit perfectly into any messaging environment. Two of our trusted vendors include Cisco ESA and Fortinet Fortimail.

Web Security

Protects businesses from Web application security flaws based on the latest vulnerabilities, bots, suspicious URLs and data patterns, and heuristic detection engines. A few of our trusted vendors include Cisco WSA, Fortinet Fortigate, Fortiweb, and F5 ASM.

Data Loss Prevention

Integrates data loss prevention and device controls to safeguard information across Web gateways, email gateways, and instant messaging. Endpoint encryption ensures the data integrity of files, folders, removable media, and full discs. A few of our trusted vendors include Cisco, Fortinet, F5, and RSA.

Mobile Device Management

Encompasses endpoints, applications, data, and the network with security settings and policies that can be configured through a single management platform to enable centralized management of every corporate and personal device. Our trusted vendors include VMware Airwatch.

SECURITY & VULNERABILITY MANAGEMENT

Secure network architectures need to constantly evolve to keep up with the latest advanced persistent threats that target peer-to-peer, social media, instant messaging, and other collaboration apps. Attackers look first for unpatched computers and vulnerabilities that open the door for malware and botnets when they attempt to exploit corporate networks.

WEI helps you take on this challenge with the second security approach layer—Security & Vulnerability Management. Four tools enable you to tap into the value of your current technology infrastructure and business applications, and WEI utilizes an approach to get additional security measures up-and-running fast, leveraging analytics-driven analysis that quickly determines threat activity within your environment.

Patching & Remediation

Provides automated patching on a regularly-scheduled basis to block exploits using technology to complete tasks without human intervention. Silent installs and reboots occur on nights and weekends when end users aren't at work. One of our trusted vendors include Kaseya.

Log Management

Collects and indexes log and machine data from any source and then combines the data with information in relational databases, data warehouses, and data stores. From there, IT can analyze activity that threatens operational performance. Two of our trusted vendors include Splunk and Nagios.

Security Information & Event Management (SIEM)

Identifies advanced malware and threat activity rapidly across the network through big data analysis. This capability enables IT to monitor and investigate attacks and then respond quickly. Two of our trusted vendors include Splunk and Fortinet FortiSIEM.

Vulnerability Assessment

Identifies which vulnerabilities are attacking the network and which devices and applications are at-risk. The assessment also analyzes if network utilization requirements are being met during peak hours while monitoring for performance optimization needs. One of our trusted vendors for this is Fortinet.

IDENTITY & ACCESS MANAGEMENT

Cybercriminals often attempt to exploit weak or stolen credentials belonging to end-users. Because some individuals do not adhere to best practices regarding their credentials, such as using weak passwords or obvious security questions, IT needs to apply additional measures to ensure digital assets remain safe.

With the third layer of a comprehensive IT security defense—Identity & Access Management—WEI provides businesses with a range of tools that make it possible to protect IT infrastructures while also giving end users access to the data and the mobile device technology they need to get their jobs done.

Single Sign-On

By leveraging single sign-on technologies, end users only have to enter one set of credentials on their desktops, smartphones, and tablets to access their Web applications in the cloud and behind firewalls. This greatly increases productivity while keeping data secure. Two of our trusted vendors include Cisco ISE and Aruba/HPE ClearPass.

Private Key Infrastructure

Digital IDs, called certificates, enhance IT security and confidentiality by authenticating end users and servers, and by encrypting email and data. The certificates are automatically trusted by leading Web browsers and email apps. Two of our trusted vendors include F5 ASM and Gemalto.

Authentication

Ensures only authorized users access resources by applying policies that provide authentication for a number of user log-in session types. This solution leverages standard protocols such as password, handshake, and extensible authentication. Two of our trusted vendors include Cisco ISE and Aruba/HPE ClearPass.

Two-Factor Tokens

Protects against phishing, social engineering, password attacks, and log-ins by verifying identities and approving access. To gain access, end users are required to provide something they know (username/password) and something they have (such as a smartphone app). Two of our trusted vendors include Fortinet Fortitoken and Duo.

Client Provisioning

Analyzes various elements when classifying log-in sessions, such as the client operating system, browser type, and user group. This technology ensures that machines are set up with the appropriate agent profile as well as up-to-date compliance with antivirus and antispymware. Two of our trusted vendors include Cisco ISE and Aruba/HPE ClearPass.

THE IDEAL SECURITY SOLUTION FOR TODAY'S BUSINESS

Many factors contribute to the proper formulation of a custom IT security solution. These include the business goals, budget, space and power needs, desired deployment timeframe, and the required personnel. It's also important to perform an upfront data risk assessment.

To help you implement the security posture that's right for your business, WEI team members listen to your concerns and ambitions, help you assess your current environment, and then propose a specialized solution to achieve all of your objectives. Only with this type of collaboration and customized approach can the ideal security solution be designed.

For more information on protecting the digital assets of your business from external and internal cyberattacks, contact WEI at (800) 296-7837 or info@wei.com. You can also visit us at www.wei.com.



ABOUT WEI

**WEI is an innovative,
full service, customer centric
IT solutions provider.**


**Why WEI? Because we care.
Because we go further.**

At WEI, we're passionate about solving your technology problems and helping you drive your desired business outcomes. We believe in challenging the status quo and thinking differently. There are a lot of companies that can take today's technology and create a great IT solution for you. But we do more. We go further. And we have the customer, vendor and industry awards to prove it. WEI is a premier technology partner, who always puts our customers first while providing the most innovative solutions for over 25 years.

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Source:
1 Verizon Report. How long since you took a hard look at your cybersecurity? <http://www.verizonenterprise.com/verizon-insights-lab/dbir/2017/>. May 2, 2017