

Introducing EC:Secure

Founded in 1998, EC Wise is a mature global information technology and security firm with a global footprint focused on highly regulated markets (e.g., Financial, Health Care, Insurance, Government/Military, Casino Gaming), developing, protecting and operating affordable secure platforms and systems. We employ a transparent, agile methodology for all types of engagements; this enables us to focus on proving value early and often. Our EC:Secure practice focuses on providing solutions to improve clients' security and resilience and to mitigate risks, positioning us to serve as the ideal trusted partner to your security team.



We Go Deep and Wide In Cyber Security

In 2016 we saw dramatic increases in state-sponsored and commercial cyber-warfare, in the form of cyber-espionage, outright theft, denial of service attacks and ransomware; a number of attacks made the global news. Industry insiders know that 80% of these attacks go completely undetected, so the situation is far worse than even the media reports.

Defending against all such threats requires layers of defense, constantly monitored and capable of responding automatically. As with other risks, security needs to be managed based on ROI. Determining the effectiveness of your policies and efficacy of your defenses is essential; we use tools like FICO® Enterprise Security Score (ESS) to provide such measures of effectiveness.

In addition to the planning and policies that sustain a more resilient network, automated attack systems require automated defenses. Obviously, it would be cost-prohibitive to protect everything, so we work with clients to identify high value assets, and start by protecting them. We partner to develop a strategy that optimizes clients' cyber-security investments, and implements right-sized solutions that take into account their infrastructure, services, user characteristics, and threat landscape.

Regardless of the defenses, we assume attackers will bypass our clients' endpoints. By integrating security into application and database platforms and implementing ongoing packet inspection, we can enhance the security of your network and your information assets even when attacks compromise endpoints or originate internally on your network. Crafting a strategy that combines EC Wise expertise, FICO® ESS, and cyber-security solutions carefully selected to address your specific risks will make your enterprise more secure, better prepared, and most importantly, more resilient.

EC:Secure Portfolio Overview

Based on our exhaustive, and ongoing, product and vendor analysis, we have assembled a portfolio of path-breaking and complementary products that address the full range of cyber-security challenges, including:

- The FICO® Enterprise Security Score (ESS) quantifies and characterizes enterprise risk and measures the efficacy of mitigation measures over time.
- The iboss Secure Web Gateway Platform provides protection to and through the web browser with a unique node architecture that enable on-demand scalability.

Some of Our Partners:



- DarkTrace applies unsupervised machine learning to detect activity that suggests a threat may be in process. EC Wise helps its clients interpret DarkTrace threat indicators and apply mitigation strategies.
- Bromium provides advanced endpoint protection, restricting any malware present in a document or target website to a virtual environment, so it cannot compromise the underlying OS.
- CloudPassage identifies indicators of compromise, performs micro-segmentation of your networks, and protects workloads from attack, regardless of their location. We find it is ideal for sprawling hybrid networks, and for automated policy enforcement and configuration management.
- SonicWall's next-generation firewall / unified threat management products provide a highly cost effective way to identify malicious traffic. These devices perform high performance deep packet inspection to provide anti-virus, anti-spyware, intrusion prevention and application intelligence functions.
- Promia's Raven device comes in a military hardened form factor, ideal for deployment in military, critical infrastructure, and industrial environments. It performs network mapping, detects information leaks, and detects and prevents intrusions based on extensive, and extensible, rule sets. We work with clients to create and refine rules based on the observed patterns of activity.
- EC Wise can harden most major databases, and add advanced control over privileged operations and audit capabilities capable of meeting your compliance requirements. Depending on the heterogeneity of your database environment we can accomplish these objectives with purpose built third party products or native database add-ons.

Application Security at EC Wise

Applications are a critical point of entry for cyber-threats. EC Wise development teams practice trustworthy development, which means that we provide results that are predictable and secure. We use Contrast Security's Interactive Application Security Testing (IAST) tool to identify vulnerabilities during automated test cycles, and automate the production of standardized, hardened containers for deployment. Our development processes are geared to eliminating threats described by the "OWASP Top 10" as well as those identified on Mitre's Common Vulnerability and Exposure (CVE) listings. We can both build secure products, and work with your developers to adopt similar secure development processes and tools.

For more information:

EC Wise Security Practice:

<https://www.ecwise.com/secure-platforms-network-security.html>

Call 415-526-5199 to schedule a demo or discuss a low cost or free proof of value.

Contact us to learn more about how we do it, and what we can do for you.

Customer Quotes

"EC Wise was responsible for building our platform and currently provide world class cyber security for many customers around the globe including Zelephant. They have amazing capabilities and can protect against and solve critical security issues - their team is made up of subject matter experts in nearly every security field imaginable."

Claud Monro, SVP Business Development,
SK+G lab

ECWise has been a key partner for TransCentra for many years. Their ability to dive in, gain domain expertise and then use that expertise along with their deep technical skills and global development model to drive solutions to real world business problems has been a key to a successful partnership."

Glenn King, Vice President of Technology,
Transcentra

"EC Wise will first help you formulate the right business questions and then define an approach to satisfying the appropriate business needs; others tend to arrive with a solution and then attempt to fit your problems to their solutions."

Andreas Weigend, Former Chief Scientist,
Amazon.com

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