

## FICO® Enterprise Security Score

EC Wise clients use the FICO® Enterprise Security Score (ESS) service to quantify enterprise risk and measure the impact of their cybersecurity risk mitigation measures over time. The ESS Portrait service provides an organization score and actionable information so you can understand your organization’s risk exposure. With the ESS Profile service, you can see other organization’s scores, but not the detailed behaviors and vulnerabilities that could be exploited.

ESS is a three-digit score that reflects the likelihood that the organization will suffer a material data breach or debilitating cyberattack in the next twelve months. EC Wise works with clients to identify and prioritize mitigation strategies, and implement protection, in the form of products and processes.

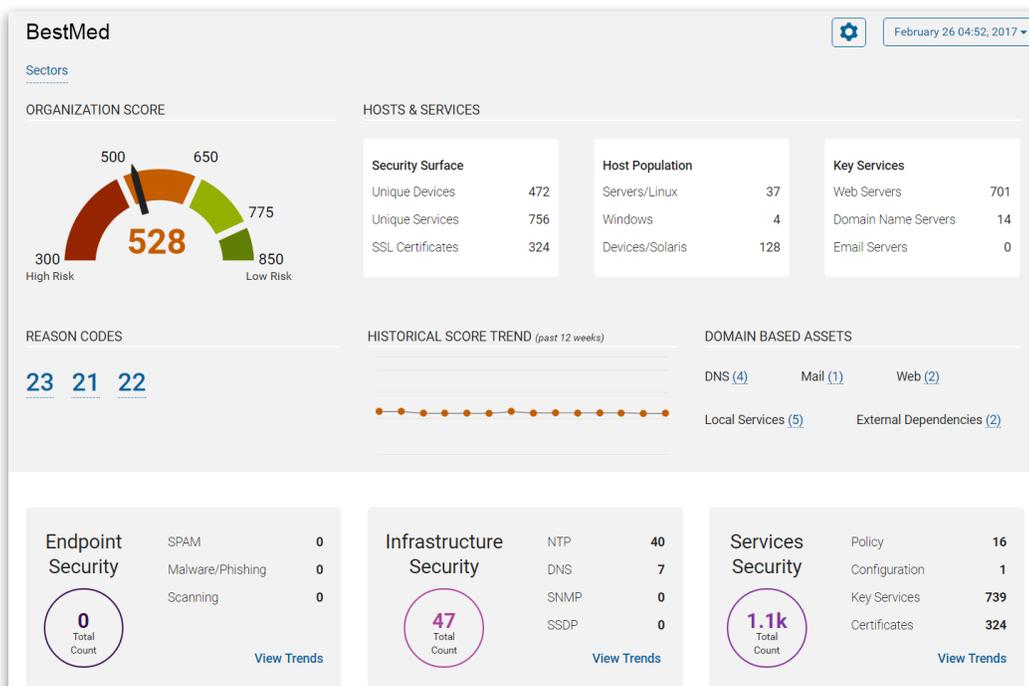
Organizations often use Profile to select and manage vendors, by better understanding the ongoing and evolving security risks associated with those relationships.

FICO® evaluates the entire internet address space, gathering billions of data points from around the globe; it enhances this empirical data with public and proprietary sourced information. Its algorithms use all this information to immediately evaluate an organization’s current security posture. It is a SaaS platform; there is no software or hardware to install, and no integration work to perform. The FICO® ESS algorithm considers endpoint, infrastructure, and services indicators that include:

- Potentially malicious activity emanating from your environment, such as spam or botnet activity
- Visible devices, exposed insecure protocols, expired security certificates, and databases responding to external probes

Unlike techniques such as penetration testing, which identifies point vulnerabilities, FICO® developed the Enterprise Security Score to measure the likelihood of actually being breached in the next twelve months. The patented predictive analytics that underpin this capability are based on the observance of actual breaches and the characteristics of organizations that have been breached.

In summary, by using FICO® and EC Wise, organizations obtain an empirical security score from a respected authority, better manage vendor security risk and will learn the needed mitigations to reduce the likelihood of breaches.



### Key Security Partners



(Continued Over)

## We Go Deep and Wide In Cyber Security

2016 saw a massive growth in reported state-sponsored and commercial cyber-attacks: cyber-espionage, outright theft of information, denial of service attacks and ransomware were widespread. Industry insiders know that 80% of these attacks go completely undetected, so the situation is far worse than the media reports.

Defending against all such threats requires layers of defense, constantly monitored and capable of responding automatically. As with other risks, security must be managed based on ROI. ESS helps determine the effectiveness of your policies and efficacy of your defenses is essential.

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 at the same level immediately, so we work with clients to identify high value assets, and start by protecting them. We partner to implement right-sized solutions that are distributed, scalable, and take into account the client's infrastructure, services, user characteristics, and their threat landscape.

For the last 18 years, EC Wise has selected, exhaustively evaluated and used products and services to successfully serve our customers. EC Wise is ideally positioned to serve as a trusted partner to your security team. We help clients implement all of these key strategies and others:

- Continuous security profiling of the enterprise and its partners
- Advanced endpoint security to identify and block malware execution including phishing, and ransomware attacks
- Military hardened IPS/IDS devices for industrial control, IoT, critical infrastructure and public safety systems
- Business continuity capabilities to preserve enterprise uptime including DDoS or ransomware attacks
- Always-on monitoring of networks and devices to identify potential zero-day and insider threats based on anomalous behavior
- Network detection devices that incorporate deep packet inspection and rules based blocking to enforce policy and procedure
- Hardening your databases, encryption, SQL Injection protection, fine grained control over privileged operations and audit capabilities capable of meeting your compliance requirements.

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. ESS provides the continuous empirical real time measure of your security score with information that helps you understand the risk of breach. EC Wise can help you understand the specific actions, tools, products and plans needed to make your enterprise more secure, better prepared and most importantly, more resilient.

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

### Customer Quotes

*"EC Wise is a great solutions provider. They built our data warehouse and introduced us to market leading security tools and practices which we use today to address new emergent threats."*

John Enriquez, Vice President of IT for  
**PCI Gaming, Inc.**

*"Regulus partnered with EC Wise to create a hosted system for finance, healthcare, insurance, telecom and utility industries... The best endorsement for EC Wise's services is that Regulus customers find enough value in the system to expand their use of it."*

Joan Egloff-Olson Director, Application Development,  
**Regulus**

*"EC Wise's experienced industry veterans, deep knowledge of data, analytics and security and the ability to deliver made them the natural choice as partners. I've worked with them for years across multiple companies –they always come thru!"*

John Toman, Chief Product Officer,  
**Pivot Payables**

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