

McAfee Risk Advisor

Take the guesswork out of where to focus your security efforts

Key Advantages

- Prioritizes security remediation based on real-world threat prevalence and your countermeasures
- Powered by McAfee Labs™ global threat research monitoring (McAfee Global Threat Intelligence™)
- Delivers a countermeasure adjusted risk score to easily sort and prioritize assets
- Supports existing McAfee product portfolio
- Integrated with network and endpoint protections for holistic view
- Alleviates patch panic by focusing on systems truly at risk

Organizations often deploy several security point products to try to stay ahead of constantly increasing and evolving threats. Unfortunately, this approach is far from optimized. It's far too common for security and IT staff to be sitting in a war room attempting to answer this question when an out-of-band critical patch is released: "Do we need to shut down our business and roll out this patch?" McAfee® Risk Advisor proactively combines threat, vulnerability, and countermeasure information to pinpoint those assets that are truly at risk. It takes the guesswork out of when and where to focus your security efforts—saving you time and money.

Eliminate the Guesswork

An industry first, McAfee Risk Advisor delivers risk metrics and analytics to take the guesswork out of where to direct your security efforts. McAfee Risk Advisor calculates risk metrics by correlating threat feeds with asset criticality, vulnerability, and countermeasure information. The risk metrics deliver an immediate assessment of the specific assets that are at risk. You instantly get information about a threat, its severity, and the risk it presents, helping you prioritize your security and patching efforts according to an asset's value.

Beyond the cost and administrative savings from McAfee Risk Advisor, you can determine a clear ROI of the countermeasure investments you've already made. Specifically, with McAfee Risk Advisor you can correlate threats with assets and get a clear picture of the countermeasures that protect those assets. In addition, having this information aids you in determining which countermeasures you should invest in for protection as threats materialize.

Risk Summary

In addition to countermeasure correlation, McAfee Risk Advisor's integration with vulnerability assessment tools and the McAfee® ePolicy Orchestrator® console enables you to chart your vulnerability profile to pinpoint where to focus your security efforts. The graph generated concisely reflects where and how your assets are at risk.

Risk Score

The McAfee Risk Advisor risk score delivers a quantifiable measurement for evaluating risk mitigation efforts. The risk score unifies vulnerability/threat status, asset criticality, and countermeasure protection available for specific threat to quantify the risk of a threat on an asset. For example, with risk scoring, an administrator is able to say: "Risk mitigation efforts for past week have reduced the net enterprise risk by 20 percent." It also includes the ability to customize your risk profile with selective threat-asset analysis to best reflect your true risk posture.



Figure 1. View your overall risk score.

“What If” Analysis

McAfee Risk Advisor also offers the ability to do proactive “what if” analysis, allowing companies to better understand the impact or potential activities to their overall risk profile. Even if an organization is aware of its current vulnerability, patching, and threat states, how does its risk profile change if McAfee Application Control (application whitelisting) is added to its mission-critical servers? How does the additional of network intrusion prevention in front of core infrastructure impact overall risk score? Companies can now proactively analyze how changes to their business environments will impact their risk and security profile, enabling them to more effectively manage and reduce business risk.



Figure 2. Perform what-if risk modeling

Patch Optimization

With McAfee Risk Advisor, organizations are able to optimize and reduce patching cycles, as well as articulate an appropriate response for out-of-band, critical patches. With the patch prioritization report, administrators are able to establish patching priorities and workflow by seeing threats and available patches.

Application Awareness

McAfee Risk Advisor also delivers automated “application awareness,” which gives the security expert the ability to associate risk, threat, and

vulnerability information with a specific application or set of business applications. This provides the ability to automatically prioritize top security issues and risks, allowing an organization to more effectively and rapidly mitigate those security issues and risks that could have the most negative impact to performance.

Always Up to Date

To keep your organization current, McAfee Risk Advisor receives threat updates from our world-class research organization, McAfee Labs. Our enterprise-class threat feed delivers concise, meaningful, up-to-the-minute data on threats as they materialize from our network of millions of data collection points. This data is leveraged by McAfee Risk Advisor to quickly and accurately reflect those critical assets that are both at risk and vulnerable to threats.

Also included is countermeasure information from McAfee VirusScan® software, McAfee Host Intrusion Prevention, and McAfee Network Security Manager, as well as systems that detect vulnerabilities on an asset, such as McAfee Vulnerability Manager and McAfee Policy Auditor. McAfee Risk Advisor results have also been integrated into leading IT governance, risk, and compliance (GRC) applications such as SAP BusinessObjects GRC, allowing you to assess IT security-related risk alongside business risk.

Next Steps

For more information, visit www.mcafee.com/riskadvisor, or contact your local McAfee representative or reseller near you.



Figure 3. Security Vision iPad app available from the Apple iTunes app store.

Note: Figures 1 and 2 are from the Security Vision Apple iPad app, available for free at the Apple iTunes store.

