

# McAfee Risk Advisor

Take the guesswork out of where to focus your security efforts

## Key Advantages

- Balance business productivity needs with the right amount of security
- Deploy “what if analysis” to automatically understand the impact of adding changes within the IT environment
- Quickly identify which assets are at risk to threats
- Automated application awareness enables you to rapidly analyze the impact of risk to key business systems
- The risk score delivers a quantifiable measurement for evaluating risk mitigation efforts
- Eliminate the manual, time-consuming process of correlating threats to critical systems at risk to direct remediation efforts
- Stay current with threat feeds from McAfee Labs™
- Integrates with core McAfee products, such as the McAfee ePolicy Orchestrator® (McAfee ePO™) console, McAfee Vulnerability Manager, McAfee Host Intrusion Prevention, McAfee Network Security Manager, McAfee Policy Auditor, and more

Organizations often deploy several security point products to try to stay ahead of constantly surfacing or evolving threats. However, even with all this deployed technology, it's far too common for security and IT staff to be sitting in a war room when an out-of-band critical patch is released, searching for an answer to this question: “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.

The distinction is significant, as an asset may be vulnerable to a threat—but with the appropriate countermeasures in place, it may not be at risk. Knowing which assets are both vulnerable and at risk helps security organizations focus their efforts on assets that need immediate attention.

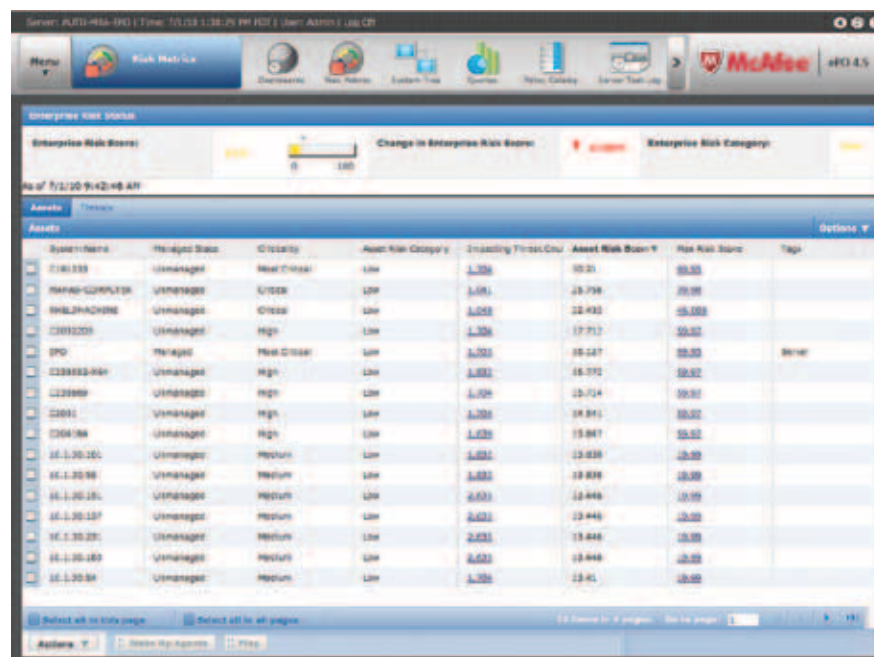


Figure 1. See how your company's risk is trending.

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 as threats materialize.

### A Consolidated View

The McAfee Risk Advisor threat feed viewer provides up-to-the-minute information about new and updated threats from thousands of vendor and industry collection points. The viewer includes:

- Threat descriptions and overviews
- Detailed analysis
- Remediation and recommended actions
- Links to notices and exploit discussions
- Different risk scoring methods
- Applications impacted
- Threat impact on various regulatory mandates

The threat feed also contains specific McAfee countermeasures (if required) that can be deployed to protect the assets from the threat helping you better manage your patch cycles and frequency.

The McAfee Risk Advisor viewer computes the number of assets currently under management that contain the proper countermeasures and those that do not. A countermeasure compliance graph is generated directly in the threat view, illustrating your countermeasures against threats.

### Risk Summary

In addition to countermeasure correlation, McAfee Risk Advisor's integration with vulnerability assessment tools and the McAfee ePO 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. The simple Boolean chart renders an "At Risk" and "Not at Risk" summary. When you drill down, a "Risk Details" chart reflects the following states:

1. *Red*—"At Risk." These assets are at risk because they are vulnerable and not protected by any countermeasure.
2. *Green*—"Not at Risk." Assets categorized as "Not at Risk" are not vulnerable or when vulnerable, have appropriate countermeasure protection in place.
3. *Yellow*—"Potentially at Risk." These assets require further investigation because there is no data to determine vulnerability status or countermeasures; typically, these assets do not have the McAfee agent and are also not scanned by a vulnerability detector like the one in McAfee Vulnerability Manager.

To determine "At Risk" and "Not at Risk" status, McAfee Risk Advisor takes a pessimistic approach. The only way an asset can be classified as "Not at Risk" is if it's deemed "Not Vulnerable" or "Vulnerable, But Has Protection."

**Risk Score**

An industry first, 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 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. 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 their current vulnerability, patching, and threat states, how does their risk profile change if application whitelisting is added to their mission-critical servers? How does the addition of network intrusion prevention in front of core infrastructure impact the overall risk score? Companies can now proactively analyze how

changes to their business environment will impact their risk and security profile, enabling them to more effectively manage and reduce business risk.

**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 can 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.

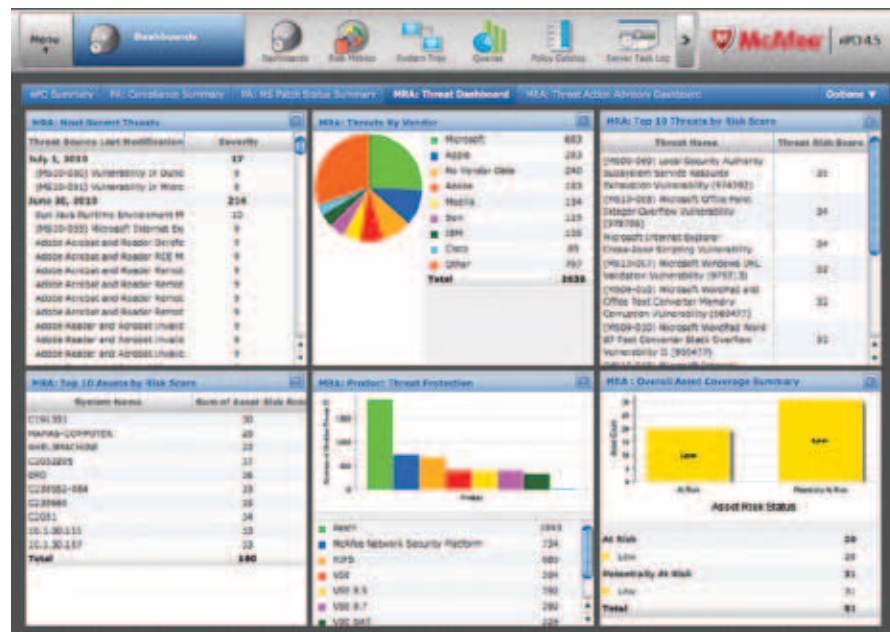


Figure 2. View your entire risk posture through a single pane of glass.

### Reporting

Simplified, top-down reporting lets you drill down quickly to see where you need to focus your remediation efforts. Starting from a consolidated dashboard, you can view granular and concise information about a threat. The level of detail provided lets you:

- Read about the threat and how it works
- See the date and time the threat was first announced and the latest content update to the record
- View recommended remediation methods and countermeasures available from McAfee
- Identify which McAfee solution detects the vulnerability

### 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.

The feed includes news and remediation information about a threat, along with links to disclosure and exploit information. In addition, the feed delivers illustrated risk scoring using common vulnerability scoring system, version two (CVSS v2) models, and how a specific threat impacts industry regulations.

Also included is countermeasure information from McAfee VirusScan® Enterprise 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 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](http://www.mcafee.com/riskadvisor), or contact your local McAfee representative or reseller near you.

### About McAfee Risk and Compliance

McAfee Risk and Compliance products help you minimize risk, automate compliance, and optimize security. Our solutions diagnose your environment for real-time insight into your vulnerabilities and policies so that you can protect your most critical assets by focusing security investments where they matter most. To learn more, visit [www.mcafee.com/riskandcompliance](http://www.mcafee.com/riskandcompliance).

