

# Quantitative Metrics to Measure, Model, and Manage IT Risk

Leverage your investment in McAfee® Vulnerability Manager and McAfee Policy Auditor to provide actionable risk-based analytics to answer the question, “If we had one dollar to spend on security, where would we spend it?”

Enterprise security collects large amounts of data from diverse sources, including McAfee Vulnerability Manager scans, McAfee Policy Auditor scans, configuration audits, compliance assessments, and log files. Prevari’s Technology Risk Manager (TRM) solution uses existing enterprise data combined with actuarial risk information to provide repeatable, quantitative, and predictive risk analytics. TRM provides a common risk-based language that is essential to proactively managing risks to your information.

#### McAfee Compatible Solution

Prevari Technology Risk Manager v4.0, McAfee Vulnerability Manager v5 and v6, and McAfee Policy Auditor v5 and v6.

#### Highlights

- Assess risk more quickly and accurately with existing data
- Simulate risk impact before making an investment in technology to achieve compliance
- Compare risk over time
- Monitor risk changes and trends.
- Know which areas of the enterprise need risk mitigation and which don't
- Identify audit findings before an audit, and predict future risks

McAfee Vulnerability Manager and McAfee Policy Auditor provide organizations with automated methods to quickly and accurately identify technical vulnerability exposures and to audit configuration policy compliance. Using data created by these McAfee solutions, Prevari TRM provides a common language for managing technology risk across the enterprise, aligning technology, compliance, and risk management goals with specific business objectives.

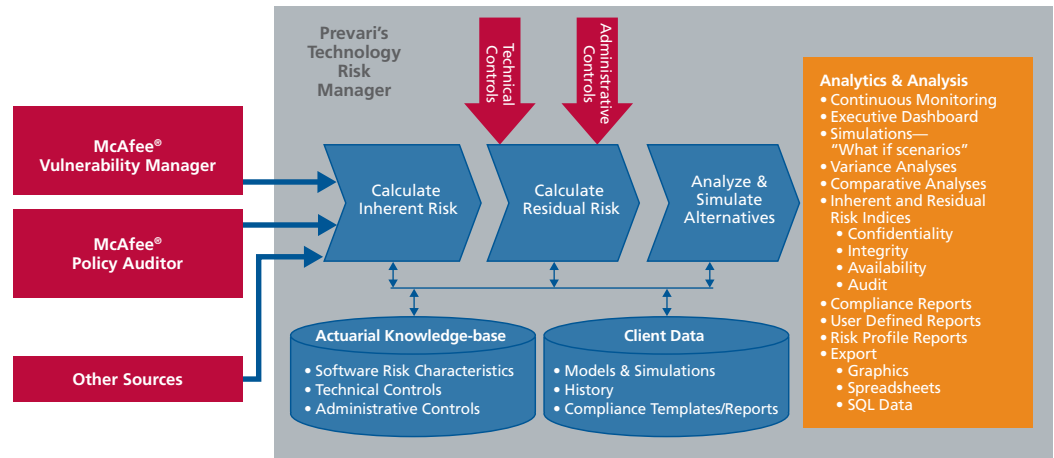
TRM delivers decision-support risk metrics, variance analysis, risk modeling, simulations, and comparative analysis. These analytics enable informed and defensible information security and compliance decisions. Variance analysis demonstrates consistency of risk management processes. Risk modeling and simulation assist the organization with balancing risk mitigation with risk acceptance. Comparative analysis highlights risk management outcomes across business units, applications, geographies, and departments.

#### Synergize Operations, Compliance, Audit, and Security Efforts

Understanding the location and magnitude of risk provides synergy and forces cost-saving resource alignment among information security, compliance, audit, and operations functions. When these functions share a common understanding of risk, business objective can be explicitly supported and informed trade-off decisions can be made.

#### Existing Organizational Data has Risk Management Value

McAfee Vulnerability Manager output is automatically read by TRM, just as can McAfee Policy Auditor output be read in XCCDF format. These solutions already generate relevant and important information for risk management activities; TRM extends the value of this data by providing enhanced analytics, modeling, and IT risk management capabilities, all without introducing additional scanners, network collectors, sniffers, or compliance repositories. Users can load existing data into TRM and begin using predictive analytics immediately. TRM runs on standard Microsoft technologies and scales from installation on a single device to installation in a multitiered infrastructure as organization size increases.



### The Technology Risk Manager Value Proposition

- Realize 50 percent to 80 percent reduction in labor to collect and analyze relevant risk data
- Perform on-demand comparative analysis using a repeatable process
- Achieve synergy in compliance, security, and risk efforts
- Apply risk mitigation technology only where it's needed
- Reduce patch cycles by patching only assets with high value and high risk
- Improve speed and accuracy of decisions
- Streamline communication among IT, security, audit, compliance, and business stakeholders
- Enable process maturity and continuous improvement in risk management functions

### About Prevari Technology Risk Manager

Prevari TRM is an industry-leading solution that objectively and quantitatively measures, models, and manages technology risk. TRM enables organizations to lower the cost and complexity of IT risk management by providing quantitative, actuarial based metrics. TRM also enables modeling and simulation, providing organizations with the ability to determine the impact of risk mitigation activities before investing in technology, process, or compliance initiatives.

### About McAfee, Inc.

McAfee, Inc., headquartered in Santa Clara, California, is the world's largest dedicated security technology company. McAfee is relentlessly committed to tackling the world's toughest security challenges. The company delivers proactive and proven solutions and services that help secure systems and networks around the world, allowing users to safely connect to the Internet, browse and shop the web more securely. Backed by an award-winning research team, McAfee creates innovative products that empower home users, businesses, the public sector and service providers by enabling them to prove compliance with regulations, protect data, prevent disruptions, identify vulnerabilities, and continuously monitor and improve their security. [www.mcafee.com](http://www.mcafee.com).

