

HP ENTERPRISEVIEW: BUSINESS-CENTRIC IT RISK MANAGEMENT

HP EnterpriseView translates IT data into actionable intelligence, arming CISOs with the decision intelligence they need to efficiently mitigate risk.

Data sheet

HP is transforming the enterprise security landscape with its Security Intelligence and Risk Management (SIRM) Platform. The SIRM Platform uniquely leverages advanced threat research with powerful correlation of security events and vulnerabilities. By delivering unparalleled visibility across security assets in context of business critical processes and applications we help our customers manage their risk and maximize their security investments.

Is Risk Seeing You before You See Risk?

The evolution of security intelligence monitoring has grown from the need to protect the perimeter, to identity/role correlation, to risk analysis within the context of the business. Unfortunately, the reams of technical data generated daily through monitoring does nothing to provide any kind of actionable intelligence. CISOs are left without the ability to quantify and prioritize risk, and are thereby unsure of how to efficiently allocate their budgets and teams to mitigate those risks. Furthermore, CISOs are left unable to translate the technical data into business terms for consumption by the CEO and other business executives.

IT Risk in a Business Context

HP EnterpriseView analyzes vulnerability, compliance and risk assessments in the context of understanding how the business scales its systems—e.g., from ‘critical’ to ‘non-critical’ – then generates a dynamic, aggregate risk score for each level of the organization. HP EnterpriseView works by synchronizing with configuration management databases, such as HP universal configuration management database (uCMDB) and HP ArcSight Enterprise Security Manager (ESM), and mapping IT devices to the business services these databases support. This establishes the solution’s analysis framework. Further integrations such as those with HP Business Service Automation (BSA) and industry-leading vulnerability assessment solutions automate certain auditing functions and vulnerability analysis.

Intuitive, near real-time graphics and a dynamic risk register provide CISOs the instant, pinpoint intelligence they need to instantly recognize the top priority risk areas, effectively assign resources and efficiently allocate budget. CISOs are also supplied with the business context to quantify the risk to the business and demonstrate progress over time. High-, mid-, and low-level interfaces arm compliance, audit, risk and operations teams with the analysis and detail required for them to assess and mitigate the risks identified by HP EnterpriseView. By providing a single solution mapped to the business, each of these teams is able to work from a common source of information.

Modular for Growth

HP EnterpriseView is delivered in a modular format in order to allow customers to address specific needs and plan for future growth.

Policy and Compliance Management: Compliance does not equal security but non-compliance equals risk. The Policy and Compliance Management module leverages the Unified Compliance Framework (UCF) to provide compliance teams the ability to audit once across many regulations and guidelines. The policy import facility makes it possible for internal policies to be included in the compliance library, freeing internal audit teams from cumbersome spreadsheet-based work. Integration with security configuration management solutions such as HP BSA allows audits of technical controls to be automated. Regulations and policies are represented as objects within the interface, enabling a simple “drag and drop” onto the framework. These regulations and policies are then inherited by all lower level nodes unless specifically excluded. The compliance scores are then aggregated up the tree.

Risk Management: Too often risk scenarios are created within a spreadsheet by different teams using different methods and scores. HP EnterpriseView provides a risk assessment library where risks are created using a top-down model that generates scenarios that are then



Tech Specs:

Note: It is recommended to install SAP BusinessObjects and HP EnterpriseView on separate machines.

EnterpriseView Server System Requirements

Element	Requirement
Computer/Processor	Two processors 3GHz each
Free Disk Space	Minimum of 10GB
Memory (RAM)	Minimum of 4GB
Operating System	Windows Server 2008 R2 (x64) Enterprise Edition
Database	Oracle 11.2.0.1 or a later version Tablespace for HP EnterpriseView 50GB; Tablespace for User Management module 0.5GB

SAP BusinessObjects Server System Requirements

Element	Requirement
Computer/Processor	Two processors, 3GHz each
Free Disk Space	Minimum of 20GB
Memory (RAM)	Minimum of 4GB
Operating System	Windows Server 2008 R2 (x64) Enterprise Edition
Database	Oracle 11.2.0.1 or a later version; Tablespace 2GB Note: HP EnterpriseView is only certified to work with the Oracle database. The installation assumes that SAP BusinessObjects is installed with an Oracle database.

Client Requirements

Element	Requirement
Browser	Microsoft Internet Explorer 7.x, 8.x (32-bit and 64-bit); Mozilla Firefox 3.x, 4.x, 5.x (32-bit and 64-bit)
Adobe Flash Player	Flash Player 10 or a later version
Screen Resolution	Minimum 1024x768; Recommended 1440x900

scored and weighed in terms of impact on five areas of the business: financial, reputation, productivity, fines/legal, safety and health. A probability score rating is also applied in order to determine residual risk. As with regulations, risk scenarios are objects that may be dropped on the framework and inherited down the hierarchy while scores are aggregated upward.

Vulnerability Management: HP EnterpriseView's Vulnerability Management module natively integrates with HP ArcSight's SmartConnector technology to collect vulnerability assessment data and then map that information back to the devices within HP EnterpriseView's database. Common Vulnerability Scoring System (CVSS) ratings are used to determine the severity of each vulnerability and correlated with the business criticality of the affected services to provide a contextually relevant risk score.

Asset Profiling: The foundation module includes Asset Profiling, which is the component responsible for building the framework. HP EnterpriseView synchronizes with the asset models of configuration management databases such as HP uCMDB and HP ArcSight ESM, and establishes the relationships between these devices and the business services they support.

About HP Enterprise Security

HP is a leading provider of security and compliance solutions for the modern enterprise that wants to mitigate risk in their hybrid environment and defend against advanced threats. Based on market leading products from ArcSight, Fortify, and TippingPoint, the HP Security Intelligence Platform uniquely delivers the advanced correlation, application protection, and network defenses to protect today's hybrid IT infrastructure from sophisticated cyber threats. Find out more at www.hpenterprisesecurity.com.

