Risk Fabric shows healthcare providers how much they could lose from cyber risk exposures

Risk Fabric Overview

Risk Fabric® is a cyber risk analytics platform that calculates the potential loss impact associated with specific threats and vulnerabilities, that when mitigated, measurably reduces cyber risk exposure. Based on actual conditions detected in the organizational environment, Risk Fabric enables stakeholders across a provider to prioritize their remediation activities and direct their limited resources at the risks that matter most.

Risk Fabric provides a cohesive, contextual, metrics-enriched view across agencies' security technologies at an executive and operational level. The platform includes a proprietary cyber risk data model, User and Entity Behavior (UEBA) and value at risk analytics, ad hoc analysis user interface, organization dashboards, and automated reporting to drive effective cyber risk management.


Risk Fabric benefits agencies with:

- **A holistic view of the organization's effectiveness** in remediating threats and closing vulnerabilities.

- **Quantifiable measurement of cyber risk** that's based on current detectable conditions in the environment, gathered from existing security tools and organizational context, including fiscal impact and impact to services delivery.

- **Value based prioritization and remediation** that's based on which actions, when taken, reduce the potential loss impact the most.

- **Improved timeliness of action** by automating the delivery of prioritized threats and vulnerabilities to program application owners responsible for mitigation.

- **Reduced HIPAA regulatory risk** through identification of the severity of the risk exposure of regulated IT assets that could cause a compliance violation.

- **Reduced resource load** through automated integration, analysis and reporting of cyber risks eliminating the time-consuming and error-prone manual effort historically required.

Application Value at Risk & Value-Based Remediation

The Risk Fabric analytics platform calculates a value at risk dollar amount or points system score, based on dynamic telemetry from cyber defenses and IT systems, to quantify the level of financial risk associated with an application at a given time. Value at risk is calculated daily from actual threats and vulnerabilities detected from existing security tools and business systems.

Value at Risk History
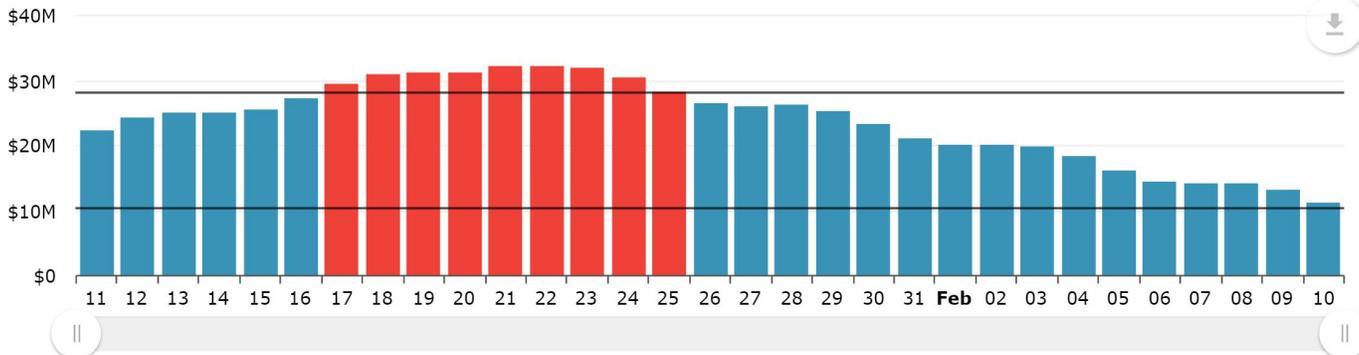
Name	Value at Risk	Percent of Potential Loss	Credential Risk	Technical Risk	CEP	TEP
FTP	$1,203,700.00	60.19%	$203,700.00	$1,000,000.00	High	Very High
Network Monitoring	$1,194,600.00	59.73%	$194,600.00	$1,000,000.00	High	Very High
Private Cloud	$1,180,800.00	59.04%	$180,800.00	$1,000,000.00	High	Very High
Enterprise Backup	$1,159,300.00	57.97%	$159,300.00	$1,000,000.00	High	Very High
Identity Management	$1,156,800.00	57.84%	$156,800.00	$1,000,000.00	High	Very High
Log Management	$1,151,400.00	57.57%	$151,400.00	$1,000,000.00	High	Very High
Endpoint Backups	$1,145,000.00	57.25%	$145,000.00	$1,000,000.00	High	Very High

Records: 25

Continuous measurement of application cyber risk provide a system of record for the entire agency

About Bay Dynamics

Bay Dynamics® enables enterprises to continuously quantify the financial impact of cyber risk based on actual conditions detected in their environment. The company's flagship product, Risk Fabric®, is a software platform that calculates the value at risk associated with specific threats and vulnerabilities, that when mitigated, measurably reduce cyber risk exposure.

For more information visit **www.baydynamics.com**.

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