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All parts of the enterprise face the same cyber security challenge – prioritization. Security Operations Centers are overwhelmed with threat alerts. Application owners are flooded with endless lists of vulnerabilities. Security leaders and boards of directors are faced with a barrage of security products. How can these critical stakeholders prioritize which threat alerts



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vulnerabilities and indicators of attack/compromise, quantifying the potential for each application to be exploited, and multiplying it with the application's financial loss impact. The platform then tells stakeholders what actions to take to reduce the application value at risk the most, and shows how much risk they removed from the business due to their actions.

$$\text{Application Value/Total Loss Potential} \times \text{Application Credential Exploit Potential} \times \text{Application Technical Exploit Potential} = \text{Potential Loss Value}$$

The Bay Dynamics® Risk Fabric® platform enables enterprises to take the guesswork out of security by identifying the most impactful actions based on

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damage to the enterprise drives prioritized remediation and more effective decision making.

Application Value at Risk Solution Sample Use Cases



Value Based Vulnerability Prioritization

- Risk Fabric calculates a CVSS Environmental Score of all vulnerabilities associated to an application to quantify each application vulnerability exposure at a given time and



Measuring Remediation ROI

- Risk Fabric shows the decrease in value at risk associated to the remediation of a given vulnerability. The platform ranks vulnerabilities with the highest return in value at risk mitigation.



Mitigating a Compromise

- Risk Fabric highlights the users, malware and behaviors that are contributing the most to an application risk potential so that responders know who/which events to investigate immediately.



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burndown charts, track the progress of vulnerability programs, set benchmarks, compare teams and more.



Communicating Risk to the Board

- By mapping actual dollar amount potential loss values to risk reduction actions and decisions, security leaders can communicate in the same language as the board of directors – business impact and risk.



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With Risk Fabric, you get:

- A calculated application value at risk dollar amount to continuously quantify the level of financial risk associated to an application at any given time, based on actual conditions in your environment
- Prioritized remediation actions and investment decisions based on the value at risk
- Metrics and scorecards that validate the amount of risk removed from the business due to specific mitigation actions



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