Transform your Cyber Risks into Monetary Value

MetricStream Cyber Risk Quantification, built on the M7 Integrated Risk Platform – intelligent by design, helps organizations develop mathematical modelling techniques to accurately represent the organization’s cybersecurity posture, to further enable informed cybersecurity investment and cyber risk management decisions.

MetricStream provides a flexible framework that enables customers to measure, manage and report cyber risk in monetary value. This Cyber Risk Quantification framework enables customers to build models to quantify their cyber risks. Customers can build homegrown models or adopt industry-standard models as well. FAIR (Factor Analysis of Information Risk) is fast emerging as the standard methodology for Cyber Risk quantification and as the widely recognized framework for calculating the value at risk for cybersecurity. The framework supports FAIR, in addition to other methodologies like ISO 27005, NIST SP 800-53, CMU OCTAVE, and COBIT 5. With FAIR, asset-based risks can be quantified per their threat and vulnerability exposure, and the final dollar value at risk can be calculated.
Business Value

Boards & executives better understand cyber risks’ exposure; understand what’s at stake in dollar value.

Executive teams can prioritize cyber investments better, driving alignment between cyber programs and business goals, and plan for optimal insurance cover.

CISOs can be accurate about the impact of cyber risks like data breaches, identity theft, infrastructure down time.

CISOs can develop a defensible justification for cyber investments, based on the risk quantification models’ response to newer additional controls.
Features

Cyber Risks into Dollar Values
Break down risks into smaller constituents and their interconnected relationships. Leverage and build out quantification models so that all cyber risks can be calculated and reported as financial loss exposure.

Granular Risk Analysis
Bring risk analysis into sharp focus, with granular details required about threat strength, threat frequency, assets’ inherent risk profile, as well as probability of action. Drive deeper understanding of the risks’ impact by quantifying primary and secondary losses, over a defined period of time.

Flexible Quantitative Assessments Framework
Accommodate a variety of risk quantification methodologies, with standard support for the FAIR model, with the flexible Cyber Risk Quantification framework. Organizations can build out their own quantification models, or leverage many of the industry standards.

Automated Assessments with APIs
Bring efficiency and automation with the framework that allows you to configure APIs to automatically compute responses to the quantified risk assessments. The framework’s APIs also allow to dynamically define new scopes for quantified risk assessments.

Intelligent Issue Management
Record findings stemming from risk assessments and control tests. Leverage AI/ML to quickly identify issues based on relation and recommend issue classification. Recommend action plans to modify controls or define new controls as part of the issue remediation process. Monitor the status of the implemented actions at every stage and track them to closure.

Reporting and Monitoring
Access real-time information on risk management programs through role-based landing pages with dashboards. Leverage dynamic heat maps to view risks by organization, product, process, or risk category. Slice and dice the data using easy filters and track the movement of risk from inherent to residual on a heat map based on the effectiveness of the controls. Gain a 360° view of risk management through advanced visualization of key metrics. Personalize the home page based on your specific analysis needs.

Cyber Risk Quantification on the Integrated Risk Platform
Drive efficiencies by MetricStream’s M7 Integrated Risk Platform, the only solution to offer Cyber Risk Quantification on the same base platform that offers products for Enterprise and Operational Risk, Compliance Management, Audits, Business Continuity and Third-Party Risk Management.
Powered by the M7 Integrated Risk Platform
Intelligent by Design

- Mobile ready, responsive, and personalized interface designed for information security and risk practitioners
- Highly configurable to meet your specific cybersecurity requirements
- Business APIs to combine external and internal data and provide contextual information
- Cybersecurity insights and intelligence for better decisions
- Reliable, scalable and secure on cloud

Contact Us
Request a Demo

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