Building a solid foundation for measurable security risk

Customer Profile – A Fortune 500 technology company and leader in its market, which is focused on the business of selling products and services to consumers, small and mid-sized business, education, enterprise and government agencies.

Business Drivers

The Company has a need for full lifecycle application security as well as supplier security. Some of the building blocks have been put in place over the years and can be leveraged in the overall solution. However, the focus will be to design and build an end-to-end solution to ensure the functions exist for easily identifying, measuring, monitoring and controlling risk as they relate to applications and suppliers.

The Brinqa Risk Analytics solution will establish:

- Aggregation of information from various sources
- Application risk assessments and risk reporting
- Full lifecycle of issues and remediation
- Vendor assessments and risk reporting

The Solution

The Brinqa Risk Analytics Platform, together with Brinqa's Risk Manager and Vendor Risk Manager provides the complete solution and establishes the foundation for going from this initial corporate initiative to taking small steps toward enterprise wide risk and compliance.

The first order of business is to get a process established for identifying and managing application and vendor security. To accomplish this, we start with the basics of data aggregation.

The Brinqa Connector Framework is used to directly connect to the company's critical applications, including vulnerability management and event management applications. The automated collection means reducing human effort as well as reducing human error. Next we look at two primary requirements in solving this company's problem: Risk and Assessment Models.

Risk Modeling and Prioritization

The risk model is at the core of the Brinqa's Risk Manager. The risk model provides advanced quantitative risk scoring, statistical risk models and scenario testing. Quantitative risk score calculations factor in all relevant parameters such as weights, tolerances, thresholds, aggregations and data normalizations in establishing an accurate representation of risk across applications.

Assessment Model

The Brinqa Assessment Model provides the ability to categorize vendors by, for example, building a risk profile. A standard assessment would be established using the assessment model, defining a specific set of questions that ultimately would establish a risk score associated with that vendor thereby identifying the level of risk that vendor presents to the company.

In addition, all issues resulting in the completion of an assessment or a risk would be tracked and re-mediated either manually or automatically when applicable.

The following diagram describes an example of the full life cycle of an issue
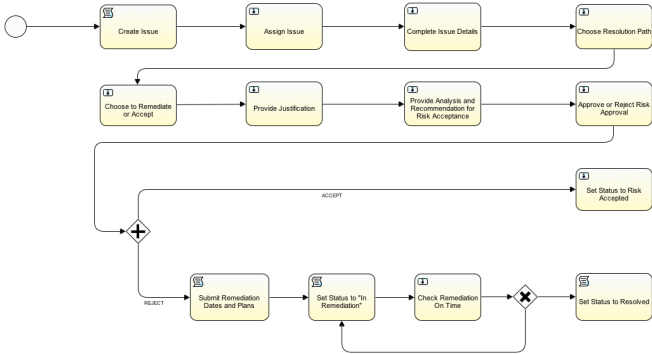
Benefits

The ability to put the Risk Analytics Platform in place established the foundation for building the customer's security processes and provided the building blocks to manage critical business processes. Once applications and vendors are set on a risk management life cycle, reporting and managing issues become a daily exercise of informed decision making.

The following diagram represents a risk dashboard of critical business metrics
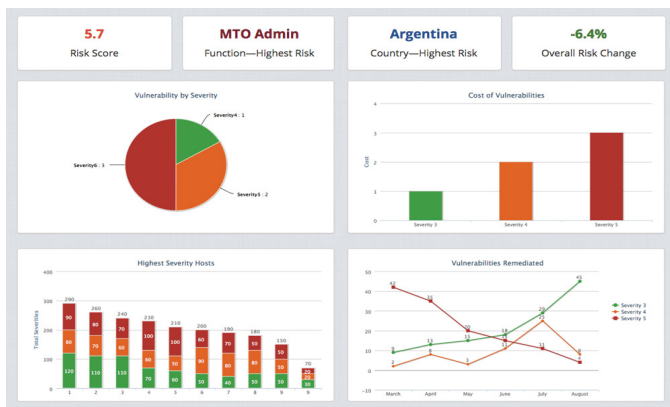
Key benefits of the customer's solution include:

Risk Analytics Platform based architecture
A robust platform to ensure common management services and guarentees that risk initiatives reduce redundancy associated with various silos and are consistent across the enterprise.

Automated Risk & Control Assessments
Automated risk and controls assessment using the customizable Connector Framework.

Brinqa Warehouse
A robust and comprehensive warehouse with the ability to maintain history, trend data and forecasts

Key Metrics Monitoring
Brinqa provides the ability to continuously monitor key metrics and delivers robust dashboards and reports with actionable information for executive management

About Brinqa
Brinqa provides a pluggable set of building blocks for meeting your analytics, IT process governance, risk management, and compliance reporting needs. Brinqa's solution combines a unique approach to achieving your risk goals with a robust set of capabilities to assess the maturity of your current program, define and manage improved processes, measure ROI and risk reduction, and review metrics and trends.

An effectively implemented risk platform not only automates compliance-related activities and risk management, but also provides a strategic governance foundation for all enterprise initiatives and programs. Brinqa Risk Analytics Platform provides a solid and extensible platform for:

- Common View of all Risk
- Consitent Risk Posture
- Automated Risk Assessments
- Incident Management
- Threat & Vulnerability Management
- Executive Level Ad-hoc Reporting

Establishing a robust platform upfront using the Brinqa Risk Platorm means connectors, asset models, controls, and process workflows are re-usable across the enterprise streamlining compliance-related activities in the short term, while laying the necessary foundation for rapid ROI on future risk management needs.

For more information please contact us via email at sales@brinqa.com or visit us at www.brinqa.com.