## EFFECTIVE SECURITY STARTS WITH UNDERSTANDING YOUR RISKS

When properly conducted, a risk assessment can determine what type of controls are required to protect your organization's assets and resources (physical locations, networks/servers, staff, etc.) from both internal and external threats. An assessment should:

- Evaluate the likelihood and potential damage of identified threats
- Measure the individual risk level of each asset as they relate to Confidentiality, Integrity and Availability (CIA)
- Gauge the effectiveness of existing controls to limit the organization's exposure and risk

From these efforts it should be possible to identify which assets are the most critical, provide a basis for prioritization, and recommend a course for remediation.

## THE COMPLIANCE OVERVIEW

Like millions of other data-driven organizations – including financial institutions, retailers, consumer service companies, healthcare providers, government agencies, insurance companies, and educational institutions – your organization is subject to threats that can impact IT infrastructure. This means you are subject to strict compliance standards and have a responsibility to implement and maintain a formal risk assessment process to identify and evaluate risks.

Any number of the many IT security mandates (such as FDIC, GLBA, HIPAA, HITECH, NCUA, OCC, and PCI DSS) require you to conduct regular risk assessments in order to identify reasonably foreseeable risks that, if left unchecked, could lead to service interruption or unauthorized disclosure, misuse, alteration, or destruction of confidential information.

## TRACESECURITY RISK ASSESSMENT OVERVIEW

TraceSecurity advances the risk assessment process to its most comprehensive and effective form, with a methodology that exceeds best practices and regulatory standards for compliance. Leveraging the company's cloud-based software, TraceCSO, information security experts closely scrutinize your organization's controls, vulnerabilities, threat vectors, asset information, and loss expectancies. Each individual risk is analyzed and compared against other identified risks, enabling your organization to prioritize remediation efforts and preempt losses with the most exposure. A TraceSecurity risk assessment also includes access to TraceCSO's risk management capabilities that enable your organization to extend the provided point-in-time risk assessment into an on-going risk management process. With the ability to update control implementation status, add assets and threats, you can continually monitor your risk posture and leverage all the information that was collected during the initial risk assessment.

In addition to providing the most thorough, objective, and easy-to-read risk assessment available, the TraceSecurity risk assessment

- Based on NIST 800-30
- Customizable assessments created to your organization's specific needs and compliance requirements
- Dynamic integration with your audit program
- Influence by regulatory requirements and industry standards

- Streamlined development of a standard and repeatable compliance processes to help you achieve and maintain an ongoing risk-based information security program
- The ability to generate standardized, easy-to-understand reports for examiners, management, and board members

***Key service activities include:***

- Data gathering (based on interviews and documentation)
    - Identify key personnel
    - Identify and collect key documentation

- Based on the data gathered, the analyst performs:
    - Asset Group Analysis
    - Threat Analysis
    - Control Analysis
    - Risk Analysis
    - Reporting and Report Briefing

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***Results are provided in an extensive report containing:***

- Project overview and executive summary
- Risk assessment methodology
- Detailed risk analysis by asset group
- Control group summary
- Information security policy analysis
- Recommended action plan

***Automation of the risk management process includes:***

- **Asset group analysis –** Identifies core assets and assigns a level of criticality to each asset in the areas of CIA
- **Threat analysis –** Identifies all relevant threats, evaluates each threat to determine which assets are affected, then assigns a level of criticality to each asset in the areas of CIA
- **Control analysis –** Identifies safeguards that can be used to protect each asset, assigns values to each control in terms of how it protects against specified threats
- **Risk assessment reporting –** Automatically associates and calculates data to produce a detailed risk assessment report

***Other capabilities include:***

- Creation of new assessments using preconfigured templates or existing, customized templates
- Addition of new threats, assets, and controls from a centralized repository
- Integrated regulation information to aid in compliance
- Ability to revise risk assessments, then track and log each revision within TraceCSO
- Summary reports for boards or examiners
- Detailed reporting capabilities with charts and graphs

## YOUR SINGLE SOURCE FOR A FULL RANGE OF IT GRC INFORMATION SECURITY SERVICES

The complex and constantly evolving nature of IT GRC (governance, risk and compliance) requires a range of experience and expertise that is nearly impossible for most companies to maintain internally. TraceSecurity's comprehensive suite of information security services is the answer. Our seasoned experts help enhance your security posture, reduce risk, facilitate compliance, and improve operational efficiency. To provide maximum effectiveness, the TraceSecurity information security services listed can be delivered in combination with TraceCSO, our integrated cloud-based IT GRC management platform.

- Security Assessment
- Risk Assessment
- IT Security Audit
- Penetration Testing
- Social Engineering
- Web Application Testing
- Wireless Assessment
- Security Training
- Advanced Persistent Threat Assessment

## PROACTIVELY IDENTIFY, ANALYZE AND REMEDIATE RISK WITH TRACECSO'S RISK MANAGEMENT CAPABILITIES

**Manage your IT risk in context of your day-to-day information security program.** With risk and security expertise built directly into the TraceCSO software, you can easily conduct risk assessments on your own. To eliminate guesswork, a combination of wizards, step-by-step guides and helpful hints are included on every screen.

**Quickly document your IT environment and realize value in minutes.** The TraceCSO risk assessment leverages the NIST 800-30 methodology of tiers and inheritance modeling — allowing you to see the relationship between assets and reduce the amount of redundant effort required for proper environment documentation.

**Integrate IT risk assessments into your organization's overall IT GRC strategy.** TraceCSO provides end-to-end information security and compliance management capabilities that are critical to your overall security program. License just one or the full suite of cloud-based functionality — integrating information from the risk assessment into your IT policies, procedures and network scan results, as well as your vendor management, audit, compliance, incident response and training activities.

## To learn more about TraceSecurity's Risk Assessment service and software,

call **877-275-3009** or visit **www.tracesecurity.com.**

GRC Simplified... Finally.