



DELIVERABLES

- Storage risk assessment
- Information security gap analysis
- Storage security ROI analysis
- Key findings and recommendations
- Next steps

Assurency SnapShot

Value Proposition

Assurency® SnapShot allows organizations to rapidly and cost-effectively evaluate the security of their data storage infrastructure. Standards-based, the service evaluates, analyzes and provides key recommendations in three key areas: storage vulnerabilities and risks, information security controls, and the economic benefits of secure data backup.

Business Problem

- Information is a critical business asset
- Volume and value of stored information is growing exponentially
- Regulatory compliance is increasingly demanding and complex
- Persistent security threats with expectations for a higher standard of care
- IT security investments are difficult to justify

Impact

- Stored information assets may be vulnerable to a range of threats
- Information security and IT controls are of increasing concern to senior management
- Organizations are unsure how to address their compliance obligations
- Organizations require an holistic, comprehensive approach to information assurance
- Funding for new information security measures can be misallocated or unnecessarily delayed

Benefits

- **The SnapShot Risk Assessment Module** provides you with a rapid perspective on threats, vulnerabilities and risks within your data storage infrastructure. The service includes a detailed profiling of the system under evaluation and control recommendations to improve information safeguards. Upon completion of the assessment, you will understand your exposure to storage security breaches and be better prepared to defend against them.
- **The SnapShot Compliance Assessment Module** provides a measure of your compliance to ISO 17799 / BS 7799, the leading global standards for information assurance. Missing or inadequate security controls will be identified and priority issues, if any, analyzed. These results will help you prioritize corrective actions and identify opportunities to adopt best practices in information security.
- **The SnapShot ROI Opportunities Analysis** quantifies the economic benefits of secure tape backup in the areas of risk management, compliance, and storage media management. The service illustrates how improved storage security measures will impact your bottom line and enables you to make informed business decisions to implement secure data backup.

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SECURE INFORMATION MANAGEMENT

Assurance Snapshot

An Assurance Snapshot engagement can cover any one, two or all of the secure information management areas described below.

Risk Assessment Module

This assessment identifies the risks to information security within the data storage environment and includes control recommendations to mitigate those risks. Once completed, you will understand your exposure to storage security breaches and be better prepared to manage risks.

Deliverables

A Storage Risk Report will contain the following:

- System Characterization
- Threat Identification
- Risk Analysis
- Control Recommendations

Scope

- Data storage backup processes and systems
- Alternatively, the scope can be expanded to the entire data storage infrastructure in a specific data center

Methodology and Client Obligations

The Snapshot Risk Assessment is based on a well-accepted, structured methodology: NIST SP 800-30 (<http://csrc.nist.gov/publications/nistpubs/800-30/sp800-30.pdf>). We will conduct interviews with the appropriate individuals from your organization. The interviewees should be able to describe storage operations in detail, and qualify potential threats. In addition, individuals from your organization will need to complete risk assessment forms that may, depending on scope, encompass servers, switches, tape libraries, software versions, network access and processes.

Compliance Assessment Module

This assessment evaluates your information security processes and controls against ISO 17799 / BS 7799. Once completed, you will have a consistent, repeatable way to measure security controls against the leading global standard for information assurance; a prioritized list of corrective actions for inadequate or missing controls; and, a list of identified opportunities to adopt 'best practices' in information security.

Deliverables

A Compliance Report will contain the following:

- A measure of compliance to the ISO 17799 / BS 7799 processes and controls
- In-depth analysis of high-priority control gaps
- Implications and corrective actions for inadequate or missing controls

Scope

- Enterprise information security management policies, procedures and controls
- A focus on specific IT operations is determined in consultation with you

Methodology and Client Obligations

Utilizing an automated assessment tool, we will cover approximately 150 questions from the ISO 17799 / BS 7799 process and control areas. Managerial policies and operational controls are covered. A review of security policies and procedures, and the security provisions in sample contracts will be required.

ROI Opportunities Analysis

This analysis will quantify the economic benefits of secure tape backup in three areas; risk management, compliance, and storage media management.

Deliverables

An ROI Analysis Report will contain the following:

- Detailed financial analysis (ROI, NPV, IRR, etc.)
- Benefits and costs analyses
- A profile of the data backup environment, including storage tapes used, consumed, and held in retention

Scope

- The ROI analysis focuses on tape backup management practices and operations

Methodology and Client Obligations

We will conduct interviews with the appropriate individuals from your organization. The interviewees should be able to provide and/or confirm information on:

- Basic financial metrics
- Exposure if a storage tape were lost or stolen
- Compliance management practices and concerns
- The data backup environment
- Opportunities to realize efficiencies in storage tape management



SECURE INFORMATION MANAGEMENT

For more information, please visit

www.kastenchase.com or call

1.800.263.1448.

About Kasten Chase

Kasten Chase provides standards-based business services for the enterprise storage security market. These services enable organizations to evaluate and implement storage security solutions which mitigate corporate and executive risk, address regulatory compliance and streamline storage operations. With a focus on education, best-practice assessment and business case analysis, these services provide a powerful set of tools for corporations seeking to maximize their storage investment.