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# G11: Convergence of Security and Compliance - An Integrated Approach to Information Risk Management

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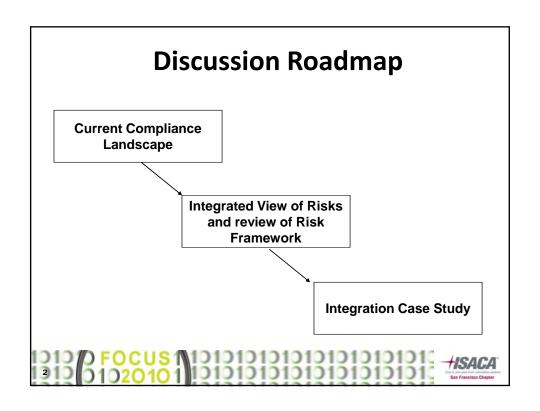


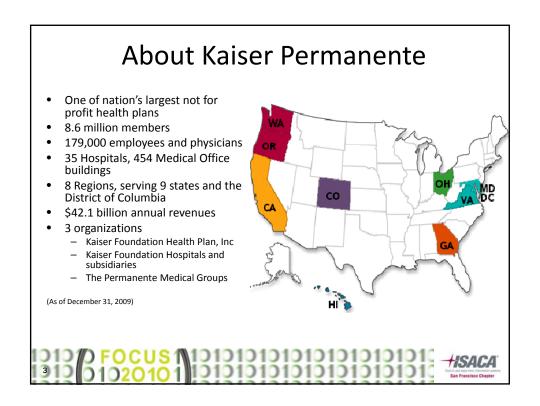
# The Convergence of San Francisco Chapter Security and Compliance

- An Integrated Approach to Risk Management

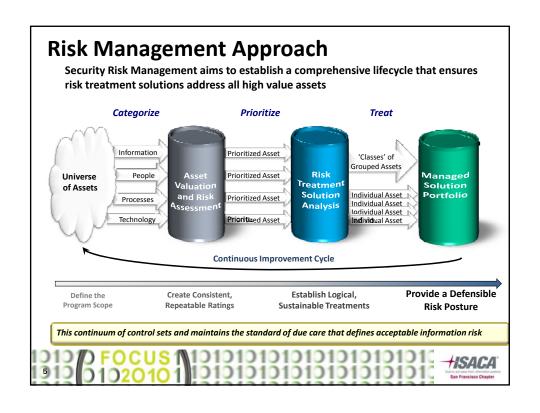
Larry Jewik, Executive Director, IT Compliance – Controls Integration Ramy Houssaini, Director, Information Security - Strategy

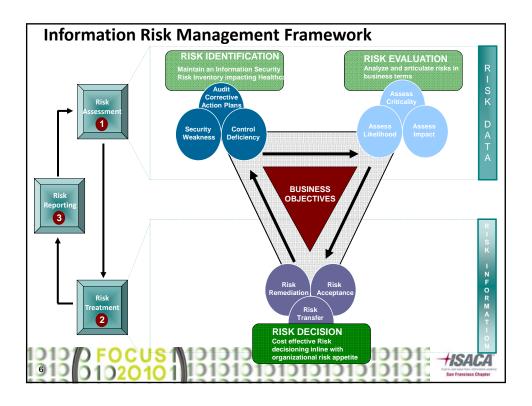












# **Risk Management Process**

### • Risk Identification

 Security weakness reported in the environment tracked for detailed risk assessment activities to help define the risk profile

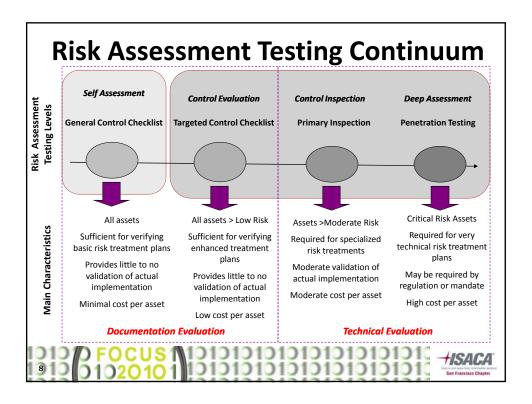
#### Risk Assessment

 A risk-based approach that recommends different protection methods depending on the asset's value, the susceptibility to various threats, and the organization's cost/benefit analysis of protection methods

#### Risk Decision

 Enforce Business Owner accountability to implement risk mitigation plans necessary for reducing inherent risks in their business areas to an acceptable and reasonable level





# Risk Decision & Agiliance Governance Risk Compliance (GRC) Tool

#### The Need for GRC

 Fragmented Risk Information throughout the Enterprise resulting in limited management line of sight of Information Risk, duplication of assessment efforts and suboptimal resource utilization

#### GRC Vision

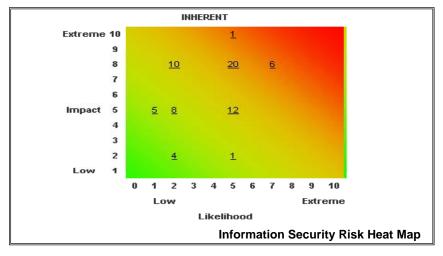
 Establish a risk decision platform based on an integrated and comprehensive view of risk information throughout the Enterprise

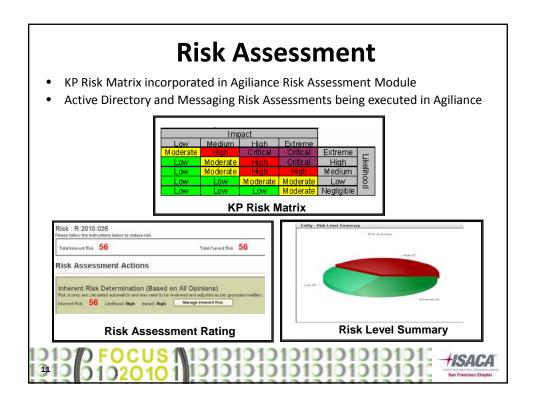
#### • Success Criteria

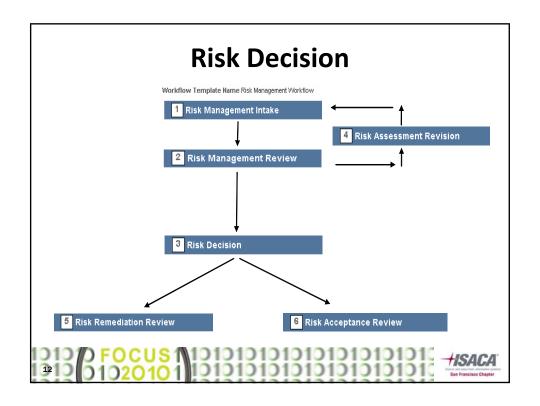
- Accelerate the convergence of GRC processes
- Substantially reduce the cost of Compliance Demonstrability by enforcing Continuous Compliance
- Support a data driven approach to information security
- Enable a risk based approach to decision making



# Risk Identification Information Security Risk Inventory actively maintained in a GRC Platform



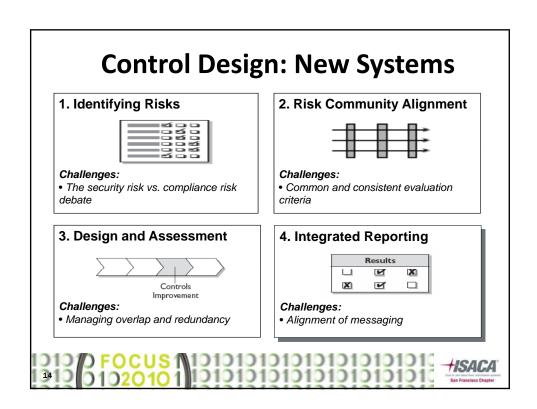




## **Integrating Security and Compliance**

Scenario: An upgrade of a critical business process related system is taking place over an 18 months period. Compliance and Information Security teams have partnered to assess the system and ensure that it meets the desired set of controls.





# **Risk Community Alignment**

#### **National Compliance**

CONTACT: xxxxx SCOPE: xxxxx

#### **Technology Compliance**

CONTACT: xxxxx SCOPE: xxxxx

#### **Information Security**

CONTACT: xxxxx SCOPE: xxxxx

#### **Regional Compliance**

CONTACT: xxxxx SCOPE: xxxxx

#### **Project Stakeholders**

BUS. CONTACT: xxxxx IT CONTACT: xxxxx SCOPE: xxxxx

#### **SOX PMO**

CONTACT: xxxxx SCOPE: xxxxx

#### **Internal Audit**

CONTACT: xxxxx SCOPE: xxxxx

#### Legal

CONTACT: xxxxx SCOPE: xxxxx

#### Other

CONTACT: xxxxx SCOPE: xxxxx





### **Design and Assessment**

Challenges in Driving Organizational Self-Sufficiency

#### What the Requirement States



SOX 12.14.03

Changes requests are appropriately authorized.

# HIPAA §164.308 (a)(4)(ii)(B) Access Authorization

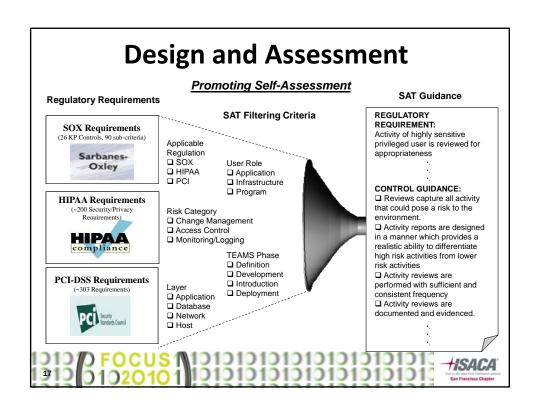
Implement policies and procedures for granting access to electronic protected health information, for example, through access to a workstation, transaction, program, process, or other mechanism.

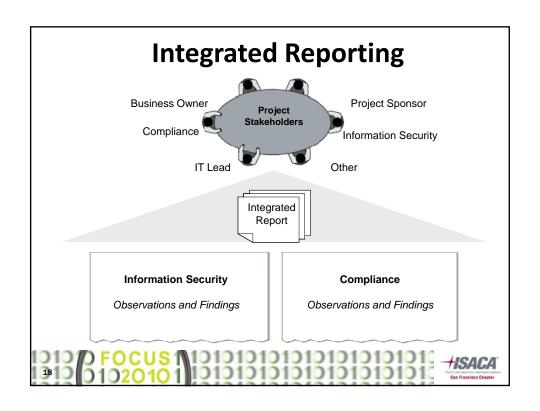
#### What the Requirement Means

- Authorization documented for the change?
- Approval to proceed documented?
- Segregation between requestor and approver?
- Approval by all stakeholders: Business + IT?
- Automated process for managing changes?
- Change history and artifact archival?
- Existing access to systems job function driven?
- Access to devices job function based?
- Mangers approve access?
- Managers review access?
- Job changes drive access changes?
- Approvers are authorized?









### **Outcome: An Enhanced View of the Risk**

#### Successes:

- Pre-Implementation Engagement
- "Normalization" of Findings, Observations
- Strength in Numbers

#### Work in Progress:

- Overhead in Coordinating Efforts
- Differing Missions, Perspectives on Risk



# **Closing Thoughts**

- Adopt a programmatic approach to integration: A common set of controls is always desirable but it is possible to develop an integrated view without it.
- Focus on Risks: ultimately, risk drives decision making. Stating control deficiencies in terms of risk is important.
- Do not neglect Communication: the assessment final results should never be a surprise to anyone.



# The Convergence of Security and Compliance An Integrated Approach to Risk Management

### **QUESTIONS?**

#### **Contact Information**

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