

Evolving IT Audit: Are the Silos Imploding?

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Professional Techniques – T12



Trust in, and value from, information systems

San Francisco Chapter

The "CyberSizelT" logo is set against a background of a city skyline silhouette, including the Golden Gate Bridge, with a warm, sunset-like color palette of oranges and yellows. The word "CyberSizelT" is written in a large, bold, red font with a white outline. The "T" is significantly larger than the other letters and has a unique, blocky shape.

CyberSizelT

Agenda



- Silos
- History
- Trends
- Opportunity
- Implications

SILOS



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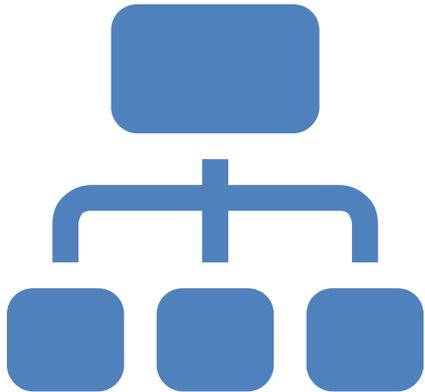
A stylized illustration of the San Francisco skyline, including the Golden Gate Bridge, the Transamerica Pyramid, and other buildings, set against a warm, sunset-like background. The word "CyberSizelT" is overlaid on this illustration.

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The Old Silos



Organization Silos - Challenges



- Alignment
- Communication
- Resources
- Transparency
- Execution
- Efficiency

Other Silos



More Silos



What are your silos?



HISTORY



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A stylized illustration of the San Francisco skyline, including the Golden Gate Bridge, the Transamerica Pyramid, and other buildings, set against a warm, yellowish-orange background.

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Audit Profession



- 4000 BC (formal record-keeping systems)
- Biblical References (need for internal control!)
- 1494 AD (Dual entry accounting)
- 40's and 50's (IIA and the profession)
- 1974 CIA
- 1978 Formal Standards
- FCPA (77) COSO (92) SOX (2002)
(Credit IIA Research Paper 2003)

IT Audit



- From paper ledgers to electronic systems
- Electronic systems to computers!
- EDP Auditor's Association (Late 60's)
- ISACA (Name change 1994)
- CYBERSECURITY NEXUS (CyberAuditor?)

TRENDS



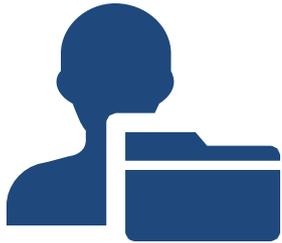
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A stylized silhouette of the San Francisco skyline is shown against a background of a bridge and water. The skyline includes the Golden Gate Bridge, the Transamerica Pyramid, and other buildings. The word "CyberSizeIT" is overlaid on the skyline in a large, red, serif font with a white outline.

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Business



- New Models
- Direct to Consumer
- Just in Time
- Geo Aware
- Distribution and Delivery
- Global
- Data Driven

Technology



- Services
- Devices
- Internet of Things
- Ubiquitous
- Reliance
- Speed/Storage/Processing

Consumers (Life)



- Social
- Real Time
- Connected
- The New Dial Tone

OPPORTUNITY



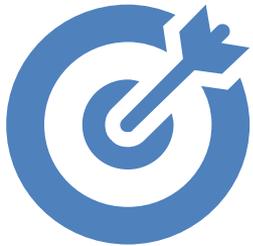
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San Francisco Chapter

A stylized silhouette of the San Francisco skyline is shown against a light, hazy background. The Golden Gate Bridge is the most prominent feature on the left, with its towers and suspension cables. Other buildings and bridges are visible in the background.

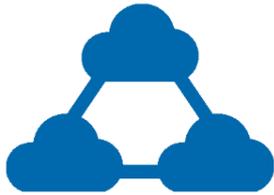
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Change of Focus?



- Risk – Allocation of resources
- Assurance vs. Advisory
- Look back vs. Look forward
- Embedded vs. bolt on
- Business Objectives vs. GRC
- Foundational knowledge and skills
- IT Audit vs. Technology Audit

Integration



- Silos – Organizations and Teams
 - Risk – Cross discipline
 - Plan - Collaboration
 - Projects – Hybrid Project Team
 - Audit Objectives
 - Lines of Defense
- ... And yet remain independent and objective?

Tectonic Shift



- Real-time assurance delivered through intelligent business process and technology architecture
- Dashboards delivering real time views of internal control health and risk
- Predictive analytics – Lens to future trends
- Connect audit related analytics to business performance

IMPLICATIONS



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Old Silos



Change?



New Models?



What do we do differently?



- Profession
- Career
- Organization
- Function
- Personal development

And what about

- Manpower, Methods and Machines?

YOUR THOUGHTS?



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