# Leverage Entity-Level Controls and Virtual SOX



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#### A Big Picture Approach



#### "Many companies are looking for ways to drive down costs and increase overall value associated."



- 1. Spend more time on meaningful risk assessments,
- 2. Company-level controls and,
- 3. Fraud detection in order to reduce transactional testing.





- 1. Significant assets and liabilities subject to the estimation process (product warrantees, impairment of intangibles, contingent liabilities, derivatives, loss contingencies, income taxes, purchase contracts, R&D)
- 2. Revenues and marketing methods (few customers, difficulty meeting demand, bonuses affected by earnings, life cycle.



- 3. Political and social environment risks (negative publicity, significant foreign sales, safety, party to frequent lawsuits)
- 4. Production or service risks (changes to production process, ability to meet demand, dependence on a few suppliers, labor relations, product quality)



- 5. Significant discretionary expenses (R&D, advertising, travel)
- 6. Regulatory environment (gov't contracts, OSHA, FDA, HIPA, SEC, IRS, EPA)
- 7. Sensitivity to economy
- 8. Significant related party transactions



- Financing Sources (financing adequate to meet cash needs, restrictive covenants, significant foreign exchange or interest rate exposure)
- 10. Earning and cash trends
- 11. Derivatives, hedging, interest rate swaps, embedded in other contracts
- 12. Going concern factors



- 13. Business strategy (changes in IT, business acquisition/disposal, restructuring, changes in level of employment)
- 14. IT risks (previously identified control failures, major IT initiatives, security incidents, reliability of information systems, access controls)



Enterprise Risk Assessment:

15. Other risks (previously identified control weaknesses, competency, integrity, outside auditor relationships, legal issues, risks identified in Form 10K, loss of major customer)



#### Fraud Risk Assessment:

- 1. Susceptibility (accounts and transactions, fraudulent reporting, nature of overrides)
- 2. Inquiries (knowledge or suspicions of fraud, internal controls, compliance with laws, tone at top)



#### Fraud Risk Assessment:

3. Management incentives (competition, rapid changes in tech/obsolescence, declining margins, negative cash flows, new accounting pronouncements, investment analyst expectations, financing, failure to receive promotion, employee layoffs)



#### Fraud Risk Assessment:

4. Company's industry (highly complex transactions, revenue recognition, foreign jurisdictions, high turnover, untimely reconciliations)



#### Fraud Risk Assessment:

5. Attitudes/Rationalizations (history of violations of laws, failure to correct deficiencies in internal control, frequent disputes on acctg matters, unreasonable demands, inability to access people or information, attempts to justify inappropriate accounting on basis of materiality)



#### Mapping Significant Accounts, Locations and Business Units

- 1. Identification of significant accounts at both financial statement level and account level.
- 2. Identify significant locations.
- 3. Identification of significant business units
- 4. Fraud risks, qualitative factors, volume of transactions, complexity, centralization, judgement required

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# **Reduce Transactional Testing**

Reduction transactional testing

- Discussion of sample size
- Which processes must be tested
- What steps in the process must be tested
- Discussion of preventive vs. detective controls
- Discussion of compensating controls



#### "An emerging tool that is creating value for organizations is Virtual SOX compliance."



#### Why can SOX be done remotely?

- Not an audit
- Management Self Assessment
- Local administrative personnel
- As long as objective
- Relationship of objectivity to size of business



#### Advantages

- Least vexing way to comply SOX Section 404
  without compromising quality
- Most cost effective: no travel time or travel costs
- The remote "testers" are well trained and supervised
- Requires minimal management disruption



#### Advantages

- Leaves an audit trail for the outside auditors
- Engagements are well planned
- Meetings are scheduled in advance, min ad hoc
- The right questions are asked in advance



#### How it is done affordably

- Use of simple and affordable technology tools.
- Good communication
- Good project management, planning, scoping, sampling



#### Types of Communication

- Teleconferencing, chat rooms and online audio visual meeting tools.
- Web cams for more personal communication.
- Web-based presentation tools using screen sharing (our machine or the client's machine could be viewed or changed real time)
- Instant messaging
- Share contact lists including the outside auditors
- E-mails for copies of financial statements, spreadsheets, journal entries and disclosure checklists



#### **Data Collection Tools**

- Document scans
- VPN connections for screen shots, data integrity testing and access controls
- Shared desktop
- Version control and access control tools to prevent unauthorized on inadvertent file changes.
- Access controls
- Shared site for sharing any documents which is more secure, especially one with SSL certificates established to encrypt any uploads and downloads to/from the site
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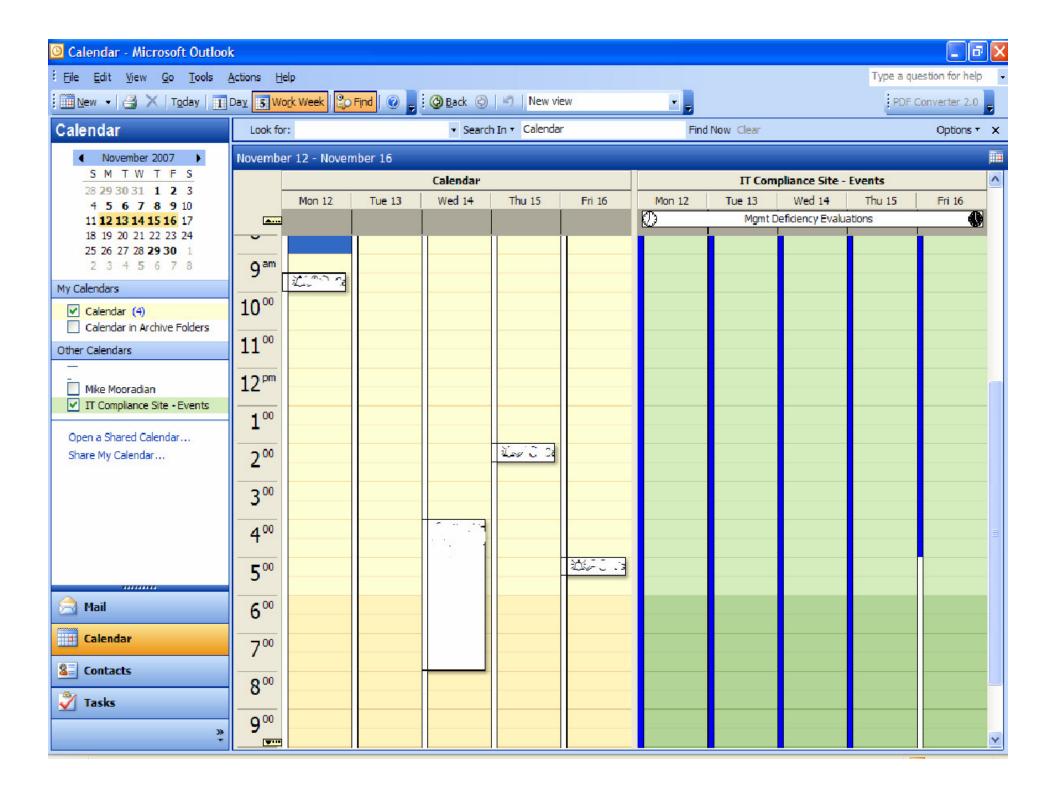
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	F. Company Level Controls - COSO	12/4/2006 3:12 PM	Bob Benoit		
	G. Company Level Accounting and Disclosure Controls (1)	1/8/2007 11:49 AM	Bob Benoit		
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	H.3 Cycle - Payroll and Related USA (1)	1/8/2007 12:40 PM	Bob Benoit		
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	J. IT Control Objectives	1/3/2007 10:53 AM	Bob Benoit		
	N. Summary of Deficiencies (1)	1/3/2007 10:57 AM	Bob Benoit		
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Project Management

- SharePoint installation
- Web project management tools
- Project management
- Scheduling
- Task management tools
- Automatic notification of document updates



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#### **Other Benefits**

- Give access to outside auditors and BoD
- Send and share documents
- Version controls
- Backup virtual sites at offices
- Access control tools to prevent unauthorized on inadvertent file changes
- Automatic notification of document updates



Many companies are looking for ways to drive down costs and increase overall value

- Spend more time on meaningful risk assessments,
- Company-level controls and
- Fraud detection in order to reduce transactional testing
- Increase value with virtual SOX compliance

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# **Questions?**

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