SI 510 - Special Topics: Data Security and Privacy: Legal, Policy and Enterprise Issues, Winter 2010

Blumenthal, Don

http://hdl.handle.net/2027.42/78191
Use + Share + Adapt

{ Content the copyright holder, author, or law permits you to use, share and adapt. }

- **Public Domain – Government**: Works that are produced by the U.S. Government. (USC 17 § 105)
- **Public Domain – Expired**: Works that are no longer protected due to an expired copyright term.
- **Public Domain – Self Dedicated**: Works that a copyright holder has dedicated to the public domain.
- **Creative Commons – Zero Waiver**
- **Creative Commons – Attribution License**
- **Creative Commons – Attribution Share Alike License**
- **Creative Commons – Attribution Noncommercial License**
- **Creative Commons – Attribution Noncommercial Share Alike License**
- **GNU – Free Documentation License**

Make Your Own Assessment

{ Content Open.Michigan believes can be used, shared, and adapted because it is ineligible for copyright. }

- **Public Domain – Ineligible**: Works that are ineligible for copyright protection in the U.S. (USC 17 § 102(b)) *laws in your jurisdiction may differ

{ Content Open.Michigan has used under a Fair Use determination. }

- **Fair Use**: Use of works that is determined to be Fair consistent with the U.S. Copyright Act. (USC 17 § 107) *laws in your jurisdiction may differ

Our determination **DOES NOT** mean that all uses of this 3rd-party content are Fair Uses and we **DO NOT** guarantee that your use of the content is Fair.

To use this content you should **do your own independent analysis** to determine whether or not your use will be Fair.
Enterprise Security Program
People and Processes

510 - Data Security and Privacy: Legal, Policy, and Enterprise Issues
University of Michigan School of Information
Week 12
More Alphabet Soup

- CRM – Customer Relationship Management
- ERM – Enterprise Risk Management
- ERP – Enterprise Resource Planning
- SDLC – Systems Development Life Cycle
  - Infosec Life Cycle - Measure, improve, manage
- AAA - Authentication, Authorization, Accounting
Loss Causes

- E-commerce boom.
  - Pressures to deploy.
- Attacks – growth and complexity
- Immature security market
- Staff shortage
  - Expertise critical. Certifications secondary
- Mobile workforce and wireless
- Lack of unified approach
- Lack of ROI justification
Security Incentives

- Laws/regs
- Self-regulation
- Shareholders
- Customers
- Employees
- Business advantage
- Good citizenship?
People

- Strategy – approach
- Components – skills
- Administration – management
Processes

- Strategy
- Components - elements
- Administration
Cross Check

- Set long term goals for truly effective security program
- Audit
Evaluate

- Comprehensive ERM
- Overall governance programs and management commitment
- Overall business continuity and disaster recovery programs
- Identify core business initiatives on which most comprehensive IT check necessary
- Information security programs
- Compliance and ethics programs
More to Evaluate

- Records management systems and procedures
- IT understanding of business needs and efforts to factor them
- Process management
- Anti-fraud programs
- Quality of information used for decision-making