



IT Policy Compliance and Security

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IT Issues Management
Computing and Information
Services



Key Issues

- Federal and State Laws

Family Educational Rights and Privacy Act (FERPA)

<http://www.ed.gov/policy/gen/guid/fpco/ferpa/index.html>

<http://www.tamu.edu/admissions/records/ferpa/>

A Federal law that protects the privacy of student education records



Key Issues

- Federal and State Laws

Gramm-Leach-Bliley Act (GLBA)

<http://www.ftc.gov/privacy/glbact/glbsub1.htm>

A financial institution may not, directly or through any affiliate, disclose to a nonaffiliated third party any nonpublic personal information, unless such financial institution provides or has provided to the consumer a notice that complies with this title.



Key Issues

- Federal and State Laws

Texas State Bill 122 – Identity Theft

<http://www.capitol.state.tx.us/tlo/76R/billtext/SB00122H.HTM>

Creates a new section of law to address prevention and punishment related to instances of identity theft. Law effective 9/1/05.



Key Issues

- Federal and State Laws

Texas Administrative Code 202

[http://info.sos.state.tx.us/pls/pub/readtac\\$ext.ViewTAC?tac_view=4&ti=1&pt=10&ch=202&rl=Y](http://info.sos.state.tx.us/pls/pub/readtac$ext.ViewTAC?tac_view=4&ti=1&pt=10&ch=202&rl=Y)

Measures to be taken to protect State Information resource assets against unauthorized access, disclosure, modification or destruction.



Key Issues

- Federal and State Laws

Digital Millennium Copyright Act Information

<http://itim.tamu.edu/dmca.html>

Provides provisions concerning the circumvention of copyright protection systems, fair use in a digital environment, and online service provider (OSP) liability .



Key Issues

- University Policies and Procedures

<http://infosec.tamu.edu/itpolicy.html>

University Rule 33.04.99.M2 - Rules for
Responsible Computing



Key Issues

- Law Suits

The Recording Industry Association of America announced the music industry plans to sue 405 students at 18 colleges. Some of the other targeted students are at Harvard, Columbia, New York University, Rensselaer Polytechnic Institute and Ohio State University.



Key Issues

- Law Suits

The RIAA to date has sued more than 9,000 people nationwide, many of them college students, for giving out songs and entire albums for free over the Internet, violating copyright law.



Key Issues

- Law Suits

RIAA and MPAA have notified 40 university presidents of information indicating campus LAN piracy problems on their campuses. The universities are located in the following states: CA, CT, GA, IL, IN, LA, MA, MD, ME, MI, MO, NH, NJ, NY, OH, OR, PA, SC, SD, TN, TX, UT, VT, WA, and DC.



Key Issues

- Law Suits

The during period Sept. 1, 2005 to April 30, 2006, Texas A&M University departments had 10 DMCA notifications (6 percent)



Key Issues

- Law Suits

A recent search by Software Publishers Association (SPA) for illegal software on the Internet revealed nearly 17,000 different sites offering infringing material.



Key Issues

- Reputation

University of Texas at Austin (UT-Austin) announced 1 May that someone had broken into a computer at its McCombs School of Business and gained access to a database containing confidential information on about 197,000 people.



Key Issues

- Reputation

Hackers gained personal information of 59,000 people affiliated with California State University - Hackers gained access to the victims' names and Social Security numbers



Key Issues

- Reputation

Last June it was announced, Eric McCarty of San Diego hacked into a USC database containing records on more than 275,000 applicants since 1997, saving names, passwords and social security numbers for seven applicants on his home computer.



Prevention Measures

- Risk assessment
- Implementation of mitigating strategies
- Testing
- Monitoring



Disaster Recovery / Business Continuity Plans

- Required by State Law
- Must be documented
- Must deal with recovery and plan to continue operations during recovery phase
- Off-site backup and recovery capability
- User access to data during the recovery phase
- Plan must be tested

POC: Dr. Peter Walsh 845-8389



e-Security

- Guards against:
 - Malicious acts
 - Unintentional damage



Examples

- Theft of data
- Accidental/malicious release of data
- Accidental/malicious data corruption or loss
- Accidental/malicious access



Mitigating strategies

- IT Rules and SAPs
- Campus firewalls
- Unit firewalls
- Acknowledgement screen
- Security awareness training
- IT user training, SAT, Training Center, SIMS, BPP, FAMIS, Canopy
- Passwords and Login Systems
- UIN system



e-Security (other ideas)

- Budgeting
- Training for IT staff
- Model examples
- Dangers of P2P



Inappropriate Use

- Personal use
- Licensing
- Copyright



Mitigating strategies

- IT policies and procedures
- SELL
- Linux software
- Visible program



ISAAC Issues

- Training (POC: ITIM 845-9254)
- Documentation (audit logs, acceptable agreements, proof of advertising, and source documents.)
- Walk thru Assistance (POC: ITIM 845-9254)



Resources

- ITIM Website

<http://itim.tamu.edu/>

- TAMU IT Rules

<http://itim.tamu.edu/itpolicy.html>

- [Computer Security Awareness Training](#)



Resources

- ISAAC (Information Security Awareness, Assessment, and Compliance)

<https://isaac.tamu.edu/>

- CERT Tech Tips

http://www.cert.org/tech_tips/



Resources

- Texas Department of Information Resources

<http://www.dir.state.tx.us/>

- Texas Administrative Code 202

[http://info.sos.state.tx.us/pls/pub/readtac\\$ext.ViewTAC?tac_view=4&ti=1&pt=10&ch=202&rl=Y](http://info.sos.state.tx.us/pls/pub/readtac$ext.ViewTAC?tac_view=4&ti=1&pt=10&ch=202&rl=Y)



Resources

- SPA's software piracy efforts can be found at <http://www.spa.org/piracy>.
- Recording Industry Association of America <http://www.riaa.com/>
- Safari On-Line Books <http://safari.oreilly.com/>



Resources

- The OpenCD – Linux software

<http://www.theopencd.org/>

- SANs Institute Training can be found at <http://www.sans.org/>