Information Technology Security Task Force

Education & Training
Today: Awareness, SANS
Tomorrow: Certifications

Policy
Today: Acceptable Use
Tomorrow: IT Security Policy

Communication
Today: Ad Hoc
Tomorrow: Systematic

Identity Management
Today: ID/Password, Moderate Assurance Level
Tomorrow: Digital Certificates, High Assurance Level

Physical Security
Today: Sonitrol, Some Biometric Entry
Tomorrow: Upgrades, Networked Biometrics

Confidentiality

Integrity

Availability

Challenges

Brainstorming

Desktop
Today: Prescriptive Guidance
Tomorrow: Proactive Defense

Server
Today: Secure Central Servers
Tomorrow: End-to-end Security for Services Campus-wide

Network
Today: Web-based Wireless AuthN, Device Redundancy
Tomorrow: Strong Authentication, Physical Path Redundancy

Storage & Backups
Today: Tape, SAN, NAS
Tomorrow: Backup to disk

Data, DB & Application
Today: Central DBA, Hosting
Tomorrow: Data Classification

www.seti.it.vt.edu/Security_Task_Force

Mary Dunker
dunker@vt.edu