Item 1: Announcements

A. Cell Phones
   - The Communications Subcommittee needs feedback about cell phone plans and forms
   - Email lbrender@tamu.edu with suggestions
   - Contact lbrender@tamu.edu for cell phone plan materials

B. Color Printer
   - Email the listserv with a response:
     - Provide printing estimates for your unit
     - Let us know if your communications person has contacted Jason Cook
   - Discussion:
     - The printer would replace a B&W printer in the Teague Copy Center
     - Dr. Cantrell is still collecting evidence to show that the Printer is a sound investment

C. Workstation Upgrade Program
   - Kevin Davis and Joseph Pacheco will attend the April 8th ITAC meeting to discuss the workstation upgrade program
   - Email the listserv with questions for the presenters so they can prepare.

Item 2: Code Maroon Pop-up Clients

A. Marlin Crouse presented on the deployment of Code Maroon Pop-Up Clients
   - Pop-up clients are currently in Libraries, Computer Labs, the President’s office
   - Staged rollout
     - Current hardware infrastructure expected to support 15,000 concurrent users with a 3 minute pulling frequency
     - Initial list of computers is 18,000, not necessarily concurrent
     - Using a staged roll out will help determine when/if additional hardware is needed.
     - Stages:
       1. 5,000 computers
       2. 10,000 computers
       3. 13,000 computers
       4. 15,000 computers
       5. 16,000 computers
       6. 18,000 computers
   - Rollout Plan
     - Provide test installer to all groups as soon as possible
       - Only difference between test and production installation is the system from which the client pulls
     - Send test alerts using the test system
     - After testing begin staged rollout
B. Discussion

- Windows 7
  - Windows 7 client not available
  - The Windows XP client should work on Windows 7
- Time Frame for staged rollout
  - An staged approach is unfair if departments are without service for a long period
  - Since installation is completed by departmental staff; CIS has little control over the time frame for the rollout
- Hardware Support
  - What cost is associated with having 2 systems running?
    1. Application Server and a Load Balancer
  - Consider implementing this system so phased rollout is unnecessary
- Phased message delivery
  - Consider sending message to most impacted areas first
  - Messages are sent from University Police, and they prefer to push only 1 button to avoid potential mistakes
- Code Maroon Message Delivery
  - Push Systems
    1. SMS
    2. Email: sent by 1 message to sympa
    3. Twitter and RSS: sent by 1 message to Twitter
  - Pull Systems
    1. Emergency Alert System
    2. Pop-up Client
- Redundancy of System
  - Failover back-up in Wehner
  - Not directly connected by an easy transfer
- Code Maroon is beginning monthly tests

Item 3: NIS Strategic Plan

A. Willis Marti described his 5 year plan for Networking and Information Security
   - Presentation is summarized in attached “NIS 2010 Strategic Plan Input” document

Item 4: Vote on Amendment to Bylaws (Postponed until next meeting)

Item 5: Updates from Subcommittee Chairs (Postponed until next meeting)
Networking and Information Security (NIS) is a major component of Computing and Information Services, providing data network connectivity down to individual desktops and servers for Texas A&M University and System agencies in College Station. That connectivity includes general Internet access, the Internet2 research network, and, through TTVN, access to all Texas A&M University System members. NIS provides network security operations and information technology policy initiation. The Director of NIS also serves as Chief Information Security Officer and reports to the CIO (Vice President and Associate Provost for Information Technology).

Network connectivity is a key part of modern society, serving to enhance productivity and allow interaction otherwise impractical. Strategically, networking is not an end in itself but rather an enabler or catalyst for other activities. Accordingly, network services at Texas A&M should be ubiquitous, sufficient and mostly invisible.

Proper delivery of network services impacts several of the Vision 2020 Imperatives:

- **Imperative 1: Elevate Our Faculty and Their Teaching, Research, and Scholarship** – Network access, including access to Internet2, serves as underpinning to much faculty activity and must provide good local access as well as access to remote resources.
- **Imperative 3: Enhance the Undergraduate Academic Experience** – The quality of the undergraduate experience is enhanced when students do not have to struggle with insufficient resources to meet their needs. This includes uncongested access to the Internet and wireless access where they study.
- **Imperative 7: Increase Access to Knowledge Resources** – This is the central imperative for information technology and most information technology strategy depends upon and assumes quality network infrastructure.
- **Imperative 9: Build Community and Metropolitan Connections** – As the University has acquired space and buildings in the Bryan/College Station community, NIS has found links to these off-campus locations. This need has fostered partnerships with local governments and school districts. Investment is repaid not just with network access but additional opportunities for collaboration.

There are multiple ongoing projects to meet our responsibilities to the campus community. Strategic needs may be summarized in two goals.

I. **Goal**: Provide reliable network meeting growing connectivity and bandwidth needs.

**Objective**: Deliver 99.999% Internet availability with no congestion. No campus building should lose network connectivity unless it loses electrical power.

**Strategies**:
- a. Work with LEARN, University of Texas System and TTVN to upgrade TXBB to multiple 10G circuits ahead of demand and assist LEARN’s transition to a provider of Layer 3 services.
- b. Deploy IPv6 support to expand connectivity options to the rest of the world.
- c. Upgrade border router and firewall configuration so that no single point of failure exists.
- d. Upgrade campus backbone to ensure each building is connected to at least two other network nodes.
- e. Provide 100% coverage of campus buildings with 802.11n wireless.
- f. Expand DWDM deployment in Bryan/College Station (BVCnet) to support off-campus offices and foster interaction with the local community.
- g. Deploy WiMax (IEEE802.16d) for flexibility in supporting campus and community requirements.
II. Goal: Mitigate risk of loss or compromise of business critical or sensitive information. 

Objective: Reduce reportable data loss incidents to less than 1 per year.

Strategies:

a. Enhance and expand ISAAC process to ensure complete coverage of electronic information systems and classifications of electronic information.

b. Support implementation of campus-wide identity management system while minimizing local password stores.

c. Work with CIS Communications and Marketing for year-round security awareness campaign.

d. Create System-wide Information Security Officer Working Group to share information and coordinate policies and procedures.

e. Increase coverage and frequency of regular campus vulnerability scans by network security team.