

Communications Infrastructure Committee

Meeting Minutes

Monday, July 27, 2009 2:00 – 3:00 PM

ACNS Conference Room – 610 University Services

1. Attending the meeting: Scott Baily, Jim Cox, Bill Davis, Robert Remsik, Mike Maxwell, Robin McGee, and Adam Warren
2. Minutes from 07/13/09 meeting were approved without changes
3. Committee members thought the IAC web site will be fine for storing agendas, minutes
4. Remsik had completed the inventory spreadsheet for Rockwell and returned it to Baily. Maxwell had not seen it yet, so Baily will forward to him. Others indicated making progress. ACNS will verify information in non-academic areas.
5. Discussion about general design goals for next generation of campus network
 - a. Baily proposed a design that included replacing the Juniper routers at the border with current models capable of 10 Gbps, to which there was general agreement.
 - b. Baily further proposed a design to replace the Engineering and NESB routers with models capable of supporting multiple 1 Gbps and 10 Gbps links, and connecting each (significant) building to each core router at 1 Gbps. No further redundancy would be provided internal to the buildings. There was general agreement with this proposal as well, though the criteria for “significant” needs to be fleshed out.
 - c. Sustainability – The group’s recommendation needs to contain a plan to keep switches current, perhaps on a five or six-year cycle.
 - d. Other – In future meetings discussion will be required regarding features that will be more VoIP-specific, such as the need for UPS, Power over Ethernet (PoE) ports in the switches, extra cooling, etc. More discussion will also be required as we develop recommendations for various operational models, as stated in the charge.
6. Action items
 - a. Baily to send Maxwell a copy of the inventory spreadsheet
 - b. All – continue working on the inventory project
7. The meeting adjourned at 3:05