

Colorado State University Policy for Rewiring Buildings

Introduction

This document contains policies and procedures for rewiring buildings for voice, data and security services. The need to improve networking infrastructure at CSU was identified in the 1996 Change and Reform process as recommendation 3.AS.12, and consisted of two parts: that buildings should be rewired to minimum standards, and that the network be supported by additional staff. Since that time, over 100 buildings have been rewired using a combination of capital construction funding, funding from Facilities projects, flood recovery funds, central funds and departmental funds. Unfortunately, funding at past levels is no longer available. This policy is adopted to ensure that the limited resources that continue to be available are used most effectively. The Associate Vice President for Information and Instructional Technology (AVPIIT) shall be responsible for overseeing the implementation and use of this policy beginning on the date that this document is approved by the ITEC.

Body of the Policy

1. Buildings are to be rewired to current standards (see the Telecommunications web site www.colostate.edu/depts/telecommunications/Standards/TelecommunicationStandardsMain.html).
2. Buildings that are candidates to be rewired shall be prioritized as follows:
 - a. ACNS shall perform a preliminary prioritization of candidate buildings, including such evaluative metrics as network traffic, academic need, network need, and physical facility issues.
 - b. The ITEC Advisory Committee (IAC) shall review the ratings, and adjust them as appropriate. Final candidate buildings shall be approved by a majority vote of the IAC.
 - c. The final candidate buildings as approved by the IAC shall be taken to the ITEC for their approval.
3. Telecommunications shall work with the building occupants to design the physical networking infrastructure, including the number and locations of telecommunications rooms, the number and location of cabling raceways, and the number and location of voice and data drops. The Director of ACNS shall be responsible for ensuring that the design conforms to campus standards and is consistent with the needs of the building occupants (particularly in terms of number of jacks). Should the occupants desire additional jacks, they shall be funded by the building occupants.
4. Networking electronics shall provide a minimum of 10/100 Mbps switched capacity to the wall jack, and conform to the make and model specified by ACNS. Capacities exceeding 100 Mbps shall be the responsibility of the department to fund. The design of the networking electronics shall be proposed by ACNS and approved by the building occupants.
5. Occupants of the buildings to be rewired are responsible for funding the networking electronics. This aspect of the policy is intended to reserve the limited funding available for building rewires for upgrade of the physical networking infrastructure, so that more buildings can be rewired over time. Should multiple departments/units occupy the building, the total costs of the electronics shall be pro rated in proportion to the number of jacks. Future requirements for networking electronics, in excess of the original design, are the financial responsibility of the building occupants. Equipment purchased will conform to ACNS standards, and costs will be prorated in

accordance with the initial equipment proportions. Building occupants are expected to address these issues internally, without involvement from ACNS or Telecommunications other than for approval of the equipment.

6. The occupants of the building to be rewired shall affirm their commitment to the physical networking design, including any additional jacks to be funded by the occupants, by initialing the design documents prepared by Telecommunications.
7. The occupants of the building to be rewired shall confirm their commitment to fund the networking electronics with ACNS. This confirmation may be in the form of an email affirmation to the Associate Director of Networking in ACNS.
8. Should the building occupants not affirm their commitment to the design, including any additional jacks to be funded by the occupants, or their commitment to fund the networking electronics, the building shall not be rewired, and ACNS and Telecommunications shall proceed with the next building to be rewired in order of priority.
9. Building occupants will be responsible for no costs for rewiring the building other than the costs of the additional jacks (optional) and the costs of the networking electronics. However, there may be costs of network interface cards to make computers compatible with the new network, and building occupants are responsible for those costs.
10. Building occupants will continue to be responsible for the costs of networking services, including applicable monthly fiber charges and backbone networking charges.

Governance of This Policy

The Information Technology Executive Committee (ITEC) is responsible for this policy, including adoption, modification and change. Changes to this policy are to be widely reviewed by the ITEC Advisory Council (IAC), prior to being taken to ITEC for their final approval.

Questions regarding this policy should be addressed to the Associate Vice President for Information and Instructional Technology, Dr. Patrick J. Burns, Patrick.Burns@ColoState.EDU.