

Prepared by the Office of Planning and Policy.  
This is a new Policy.

UNIVERSITY OF HAWAI'I


---

EXECUTIVE POLICY - ADMINISTRATION

April 1990

---

P 1 of 5

 E2.207 Management of UH Telecommunications Networks

I. INTRODUCTION

This executive policy sets forth objectives, policies, and guidelines that direct the coordinated implementation of the UH voice, data, and video telecommunication networks.

Telecommunications networks at the University are corporate assets. Ultimately their management, like that of the University budget and physical plant, is the responsibility of the President. This policy is intended to address management issues that arise in conjunction with the planning, coordination and integration of these networks. The operation of networks will reside within the appropriate organizational framework of the campuses.

II. OBJECTIVES

The objectives of this executive policy are to:

- A. Establish a foundation for integrated system telecommunications networks by ensuring ongoing coordination of campus telecommunication policies and practices.
- B. Specify the parameters of the voice, data, and video telecommunication networks covered by the policies set forth below.
- C. Clarify overall management responsibility for the planning and integration of University voice, data, and video telecommunication networks.
- D. Establish common understandings regarding the operation of the voice, data, and video telecommunications networks.

### III. POLICIES

#### A. Definition of University Telecommunication Networks

The telecommunication networks addressed by the provisions of this executive policy are those voice, data, and video systems that are campuswide in nature, and may also have system ramifications or the potential thereof. They include but are not limited to:

1. The fiber optic and coaxial cable plant and associated conduits installed in conjunction with the Mānoa ISIS project.
2. The copper, fiber optic, and coaxial cable plant, associated conduits, and all networks installed in conjunction with the 1989 Mānoa telephone project and any future additions to this plant and networks.
3. The older Mānoa conduit system and any of the old Mānoa cable plant acquired from Hawai'ian Telephone by the University.
4. The Mānoa campus television system installed in conjunction with the HITS project and future expansions of this network.
5. The UH Network (Campus Research Network) and all Mānoa campus data networks installed and operated by the UH Computing Center and/or Management Systems Office and future expansions of these networks.
6. Voice, data, and video connections and networks that interconnect University of Hawai'i campuses.
7. Voice, data, and video connections and networks to external entities implemented to provide service to the University of Hawai'i or to provide external entities with access to University of Hawai'i information resources.

B. Funding

University telecommunications networks are campus utilities. The University strives to create a situation in which basic services are funded centrally and made available to the University community based on need and availability of funds. Individual units may fund other services for themselves provided they do so in concert with and the approval of the organizations responsible for the management of telecommunications resources.

C. Management Responsibilities

Implementation, operation and funding of campus networks are the responsibility of the campuses. Overall management responsibilities for UH telecommunications networks are as follows:

1. UH-Mānoa

- a. Cable plant: The UH Mānoa Campus Operations Office is responsible for the Mānoa campus conduct system and copper, fiber and coaxial cable plant. This includes the installation, maintenance, expansion and development of this cable plant. Specific operating policies and memoranda of agreement describe how management and financing of the cable plant is shared with the UH Computing Center and Office of Information Technology to assure effective use of this infrastructure for data and video networking.
- b. Voice: The UH Mānoa Campus Operations Office is responsible for the overall management of the UH Mānoa telephone (voice) network. This includes responsibility for the installation, connection, management, maintenance, development and documentation of this system. The UH Mānoa Campus Operations Office establishes operating policies and procedures for the UH Mānoa telephone system.
- c. Data: The UH Computing Center is responsible for the overall management of the systemwide data networks and all UH Mānoa data networks. In supporting academic networking the Computing Center works with and is supported by network research and development activities carried on within UHM academic units. In supporting administrative networks the Computing Center works with and is supported

by the UH Management Systems Office. The UH Computing Center, in conjunction with the Mānoa Data Network Policy Commission described below, is responsible for implementation of operating policies and procedures regarding user access to all campus data networks,

- d. Video: The Office of Information Technology is responsible for the overall management of the UH Hawai'i Interactive Television System (HITS) and its facilities at Mānoa. This includes the development, implementation, expansion and operation of the system and facilities. The Office of Information Technology is also responsible for the implementation and development of the Mānoa campus television system. The UH Mānoa Library and Center for Instructional Support share responsibility for the effective operation and use of the campus television system, and memoranda of understanding among these organizations specify operating policies, procedures, and responsibilities.
2. UH-Community College Networks (To be added)
  3. UH-Hilo and UH-West Oahu Networks (To be added)
  4. University-wide Networks
    - a. Data: The UH Computing Center is responsible for the overall management of the systemwide data networks. The Computing Center works with appropriate authorities and personnel at the Chancellors' offices, on the campuses, and at the Management Systems Office to ensure that Universitywide data networks are developed and maintained to meet the needs of all campuses.
    - b. Video: The Office of Information Technology is responsible for the overall management of the UH Hawai'i Interactive Television System (HITS) and other intercampus video networks. The Office of Information Technology works with appropriate authorities and personnel at the Chancellors' offices and on the campuses to ensure that Universitywide video networks are developed and maintained to meet the needs of all campuses.

D. Coordination

1. Council of Directors: The Council of Directors of Information Technology Service Units will handle the coordination of voice, data, and video networks for both the UH System and UH Mānoa. Membership of this council includes individuals with systemwide and campus functional responsibilities for management of: academic computing, administrative computing, voice systems, telecommunications infrastructure, video networks, distance education, media services, data networks, libraries, technology transfer, and information technology coordination.

Modifications to any one network area that affect another area are reviewed by the Council of Directors during the planning stage and actions needed to ensure the continued smooth operation of the networks are taken.

2. Campus Advisory Committees: As need dictates, all UH campuses appoint campus telecommunication and computing advisory committees to assure that user input is incorporated into the policy development and decision-making processes.
3. Mānoa Data Network Policy Commission: The University President will appoint a 3-person Data Network Policy Commission to develop and establish operational policies and procedures in the areas of data network usage, external connectivity, financing and chargeback. The Data Network Policy Commission will solicit input from all affected segments of the University community before establishing new operational policies and will monitor the effectiveness of policies and procedures to assure that they encourage and allow effective use of data network facilities.