

Approval Date: December 10, 2010

University Campus Network Policy

Office of Accountability:	Provost and Vice-President (Academic) Vice President (Finance and Administration)
Office of Administrative Responsibility:	Vice-Provost and Associate Vice-President (Information Technology)
Approver:	Board of Governors
Scope:	Compliance with University procedure extends to all members of the University community.

Overview

The University of Alberta strives to foster and maintain an intellectual environment in which **members of the University community** can effectively access and create information, and collaborate with colleagues and peers. As part of this effort, the University's **Campus Area Network** serves as the telecommunications infrastructure facilitating voice and data services.

Industry best practice supports a unified enterprise-wide network. A unified enterprise-wide network provides reliability, scalability, increased availability, and the platform for life-safety communications. A unified network provides the lowest infrastructure cost for the University, reduces the installation cost for fiber optics, copper wire, and switching/routing hardware, simplifies the connectivity schemes and management responsibilities, enhances integration, and improves IT security for the University.

Use of the University of Alberta's **information technology resources** must comply with all applicable laws, University of Alberta policies, procedures, appendices and guidelines.

Purpose

The purpose of this policy is to define the mandate of the University's Campus Area Network (CAN). A single CAN provides for maximized cost savings and operational efficiencies by eliminating duplication. A centrally managed CAN reduces exposures and threats to the University's information and IT assets. Management of the CAN is the responsibility of Academic Information and Communications Technology (AICT).

POLICY

The scope and mandate of this Campus Area Network policy does not include desktops, devices, or other infrastructure internal to departmental **Local Area Networks** (LANs) as these components are the responsibility of the respective individual units.

1. The University supports only one unified network, referred to as the Campus Area Network (CAN). The CAN is the University's standard for providing wired, wireless, data, video and voice network services. The CAN provides the University standard network backbone delivering high-speed connectivity to LANs and/or clusters of technology infrastructure across the five campuses.

2. The CAN provides all departments the connectivity required to a faculty, department, and administrative unit's cluster of technology infrastructure. The CAN thereby eliminates the need for individual departments to install any cabling or wireless infrastructure to connect to the CAN for the purpose of connecting or extending their LANs. This policy provides the standard and means for connectivity to University buildings, clusters of technology infrastructure, and resources.

The CAN is the sole standard and gateway providing all University faculties, departments, and administrative units all accessibility to the Internet, external service providers, and associated partners and peers. Connectivity to external source, provider, partner, and peering networks can only be conducted through the University's CAN external gateway. This does not include devices connecting to and accessing, external cellular networks as this is the responsibility of the respective individual units.

DEFINITIONS

Any definitions listed in the following table apply to this document only with no implied or intended institution-wide use. ▲ TOP	
Members of the University Community	University staff, faculty, students, and other holders of a valid CCID.
Campus Area Network	The network infrastructure providing data and voice networking services to all faculties, departments, and groups and connecting the University of Alberta to external organizations and agencies. A partial listing of external organizations and agencies is: the Internet; peering relationships such as Alberta Health Services, City of Edmonton, University of Calgary, etc; SuperNet; WestGrid; CanarieNet; Cybera; and others.
Information technology resources	Information technology resources refer to all hardware, software, and supporting infrastructure owned by the University that is used to create, retrieve, manipulate, transfer and store electronic information. This includes (but is not limited to), central and non-centrally supported computers, file systems attached to these computers, operating systems running on these computers, software packages supported by these operating systems, wired and wireless networks, telecommunication and hand-held devices, data stored on or in transit on the above, as well as electronic identities used to identify and authenticate the users of the aforementioned resources.
Local area network	A local area network (LAN) refers to a computer network covering a specific designated location and consisting of a smaller geographic area that is common to a specific faculty, department, or administrative unit.

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