Standard: Campus Wireless Access

Contents

Revision History

Standard	Effective Date	Email	Version	Contact	Phone
OIT-CWAS		strevena@csustan.edu	**1.0**	**Stan Trevena**	**209.667.3137**

Executive Summary

Office of Information Technology (OIT) recognizes the increased use and availability of various wireless technologies at Stanislaus State. Stanislaus State is responsible for providing a communication network that is accessible, accountable, reliable, legal, and secure. In order to guarantee this level of service OIT manages the airspace. Maintaining security of the wireless system is crucial. Therefore, access to the wireless system will be limited to individuals authorized to use campus and Internet resources through username and password authentication.

Introduction and Purpose

Stanislaus State is responsible for providing a communication network that is accessible, reliable, legal, and secure. In order to guarantee this level of service OIT manages the airspace. Any College, Department, Unit, or Individual who wishes to utilize wireless technology must follow stated policies, protocols, practices, and procedures. This standard outlines the roles, processes, requirements, and restrictions surrounding 802.11 wireless "Wi-Fi" networks.

Scope

This policy applies to all 802.11 wireless "Wi-Fi" networks whose transmission origin is located on a property currently owned or occupied by Stanislaus State or its auxiliaries including but not limited to: Stanislaus State Main Campus (including all Academic, Administrative, Auxiliary, Library, Associated Students, Inc., University Student Union, Residential Life Village, commercial, or other buildings and outdoor spaces), Stanislaus State Stockton campus (all buildings and outdoor spaces), 612 East Magnolia Street, Stockton, CA where Wi-Fi is provided by campus.

Standard

Security and Encryption

Identification of Users

In order to ensure compliance with ICSUAM 8000, all wireless devices capable of accessing campus Wi-Fi systems must authenticate utilizing a username and password. OIT will provide a mechanism to register devices incapable or infeasible of following this standard by the means of device registration. Devices will be registered to an individual and in accordance with ICSUAM 8105 that individual will be held accountable for any activities taking place on those devices.

Illegal Content

OIT reserves the right to block all known malicious protocols, ports and all applications whose mainstream usage is for illegal activity (Ares, Bittorrent, IRC, etc.) or non-supported payment methods (Paypal, Square).

Encryption

In order to support all devices, a number of supported wireless networks exist. Users shall connect to the network with the least amount of security risk.

Connection Order for Wireless Networks

1. Eduroam
2. csus-guest

Impersonation of OIT Supported Wireless Networks

No Colleges, Departments, Units, or Individuals shall configure a wireless SSID that contain "Stanislaus State" or "csustan" (case insensitive) within Stanislaus State's airspace. Any users doing so will be referred to the appropriate Vice President or Judicial Affairs.

Airwave Control

Includes: Stanislaus State Main Campus (including all Academic, Administrative, Auxiliary, Library, Self-Support, University Housing and outdoor spaces), and Stanislaus State Stockton campus (all buildings and outdoor spaces).

OIT shall provide the sole means for wireless connectivity in all supported locations. Hotspots and Printers with Wi-Fi shall be configured to disable wireless features wherever possible. The Office of Information Technology is committed to providing reliable wireless services to all on-campus buildings and select outdoor areas. Poor service in specific areas is not adequate justification for installing a rogue access point. The Office of Information Technology reserves the right to disable wired ports, wirelessly disable Access Points and block MAC Addresses associated with rogue wireless networks. To report on-campus areas with inadequate service, contact the OIT Help Desk at 209-667-3687 or email HelpDesk@csustan.edu. For more information on wireless coverage please visit the OIT Department website.

Unsupported Networks

Colleges, Departments, Units, or Individuals shall not knowingly or willingly activate wireless networks without prior written authorization from OIT, ISO, or CIO. This includes but is not limited to wireless routers and printers, which broadcast their own network. OIT reserves the right to disconnect, flood, or block unsupported wireless networks within Stanislaus State's airspace.

Under certain circumstances OIT may approve non-standard network communication devices for usage. Non-standard devices must meet the following criteria:

- The use is for a specific purpose.
- The device will only be used in a specific location and not moved without prior written authorization from the CIO.
- The device must be manageable as appropriate by either OIT or authorized entity.

- If available, devices must require username/password authentication.
- The strongest form of encryption available must be used.
- IP Address assignment must be made in coordination with OIT.

Final responsibility for the data security and proper use of non-standard devices shall remain with the requestor. Any network problem caused by such a device or by any attached device(s) will result in the immediate disconnection of the device or deactivation of network port. All connections of non-standard network communication devices must be pre-approved by the CIO.

Bandwidth Considerations

In order to maintain adequate services for all parties, OIT reserves the right to throttle bandwidth or cap total usage as it deems required to meet the needs of the university.

Roles and Responsibilities

Colleges, Departments, Units, Individuals

Colleges, Departments, Units, and Individuals are responsible for compliance with Stanislaus State security policies, standards, and procedures. Colleges, Departments, Units, and Individuals are responsible for contacting the OIT Help Desk (209) 667-3687, or email helpdesk@csustan.edu with any issues and requests.

Colleges, Departments, Units, and Individuals requesting unsupported devices are responsible for contacting OIT to initiate the request process, providing all requested information in relation to the service, and notifying OIT when service is no longer needed.

OIT Help Desk

The OIT Help Desk responds to trouble tickets initiated by individuals, escalates issues as appropriate, and provides a single point of contact for all requests.