

State of Ohio IT Standard

| | |
|--|---|
| Standard Number: ITS-NET-05 | Title: Wireless Access Points and Controllers |
| Effective Date: 11/28/2012 | Issued By: Stuart R. Davis, Assistant Director/State CIO Office of Information Technology Department of Administrative Services |
| Version Identifier: 1.0 | Published By: Enterprise IT Architecture & Policy Investment and Governance Division |

1.0 Purpose

This state IT standard defines the hardware requirements and standard configurations for wireless access points and controllers purchased by the state of Ohio.

2.0 Scope

Pursuant to Ohio IT Policy ITP-A.1, "Authority of the State Chief Information Officer to Establish Policy Regarding the Acquisition and Use of Computer and Telecommunications Products and Services," this state IT standard is applicable to every organized body, office, or agency established by the laws of the state for the exercise of any function of state government except for those specifically exempted.

3.0 Background

Ohio established the Enterprise Technical Architecture Subcommittee (ETA SC) under the auspices of the Multi-Agency CIO Advisory Council (MAC) in 2009. The ETA SC formed the LAN/WAN Work Group to recommend state standards for wireless access points and controllers that meet the business needs of state agencies.

The standards recommended by the work group are submitted to the MAC for review and to the State Chief Information Officer for review and approval. The Enterprise IT Architecture & Policy program area is responsible for implementing the work group's recommendations by publishing and promulgating standards.

The majority of the state's wireless access points and controllers are standard-based with configurations from industry-leading manufacturers. This wireless access points and

controllers standard protects the state's investment by establishing requirements for configurations that meet the needs of most implementations.

Ohio's IT standards undergo regularly scheduled reviews to ensure that they are updated as conditions and technology change. Revisions in the standards are developed by Enterprise IT Architecture & Policy in consultation with the ETA SC and its work groups and/or other agency IT representatives, after thorough research of current and emerging technology, analysis of the market, reviews of actions taken by other large states in the area of interest, and information from manufacturers. Mainstream technology, common specifications, and best practices in life cycle management are considered in maintaining the standard.

4.0 Standard

State agencies shall acquire wireless access points and controllers defined by this state IT standard. Wireless access points and controllers shall meet and not exceed the standard configurations defined in the attachment to this standard.

Procurement specifications and requests for quotations that contain hardware attributes, features or peripheral devices not specified in the standard configurations shall not result in a configuration that conflicts with this standard.

The following sections describe the wireless access point and controller profiles for which standard configurations and specifications are published in the attachment to this document.

4.1 Wireless Access Point and Controller Profiles

Type I Controller – The Type I Controller profile offers the capacity and resources required to support a small installation.

Type II Controller – The Type II Controller profile offers the significant capacity and resources required to support a large installation.

4.2 Revisions in This Standard

The Enterprise IT Architecture & Policy program area shall ensure that the Wireless Access Points and Controllers standard is regularly updated and published to reflect changes in technology, market trends, agency requirements and state policies. As stated above, revisions in the standards are developed by Enterprise IT Architecture & Policy in consultation with the ETA SC and its work groups and/or other agency IT representatives.

4.3 Exceptions to This Standard

Agencies requesting a release and permit to procure wireless access points and controllers not in conformance with this state IT standard shall provide sufficient business justification to document why a standard configuration does not satisfy their business requirements.

5.0 References

- 5.1 Ohio IT Policy ITP-A.1, "Authority of the State Chief Information Officer to Establish Policy Regarding the Acquisition and Use of Computer and Telecommunications Products and Services," defines the authority of the state CIO to establish State of Ohio IT standards as they relate to the acquisition and use of information technology by state agencies, including, but not limited to, hardware, software, technology services and security.

6.0 Definitions

None.

7.0 Related Resources

None.

8.0 Implementation

8.1 Guidance for Agencies

Agencies requesting a release and permit for wireless access points and controllers should indicate procurement type "Hardware" and enter the order quantity into the release and permit system.

8.2 Guidance for Suppliers

Manufacturers, contractors and resellers that supply wireless access points and controllers should understand that state agencies superintended by the Department of Administrative Services/Office of Information Technology (DAS/OIT) are required to purchase products that conform to this state IT standard. Suppliers should become familiar with the standard and assist agencies with standard-based configurations and pricing.

9.0 Revision History

| Date | Description of Changes |
|------------|--------------------------------|
| 11/13/2012 | Version 1.0, original standard |

10.0 Inquiries

For information regarding the procurement of wireless access points and controllers, please contact:

IT Procurement Services
General Services Division
Ohio Department of Administrative Services
4200 Surface Road
Columbus, Ohio 43228
Telephone: 614.466.6953
Facsimile: 614.728.7798
E-mail: OIT.ITPurch.Admin@oit.ohio.gov

For information regarding this or any state IT standard, please contact:

Enterprise IT Architecture & Policy
Investment and Governance Division
Office of Information Technology
Ohio Department of Administrative Services
30 East Broad Street, 39th Floor
Columbus, Ohio 43215
Telephone: 614.466.6930
Facsimile: 614.644.9152
E-mail: State.ITStandards.Manager@oit.ohio.gov

Ohio IT Standards are online at:
<http://das.ohio.gov/Divisions/InformationTechnology/StateofOhioITStandards.aspx>

11.0 Attachments

A – Wireless Access Points and Controllers