# Information Technology Policy
## *Wireless LAN Technology Standards*

| **Number** | **Effective Date** |
|---|---|
| STD-NET001A | April xx, 2022 |
| **Category** | **Supersedes** |
| Office/Bureau Name | None |
| **Contact** | **Scheduled Review** |
| RA-ITCentral@pa.gov | April 2023 |

## 1.    Purpose

Standards document to ITP-NET001 *Wireless LAN Technology* that details the Commonwealth Wireless LAN Standards.

All agencies and organizations shall utilize the Enterprise solution(s) for wireless services.

## 2.    Technology Standards

### *2.1 Current*
These technologies are the current Enterprise standards and meet the requirements of the current architecture.  They are recommended for use.

| Technology | Platforms | Technology Classification |
|---|---|---|
| Enterprise centralized wireless controller solution(s) | Any | Current |
| Network 802.11g | Any | Current |
| Network 802.11i | Any | Current |
| Network 802.11n | Any | Current |
| Network 802.11ac | Any | Current |

## 2.2 Contain

These technologies no longer meet the requirements of the current architecture and are not recommended for use. They are no longer being deployed, and existing deployments shall be phased out over time. No date has been set for their discontinuance.

| Technology | Platforms | Technology Classification |
|---|---|---|
| Agency Specific wireless controller solution(s) (for agencies under the governor's jurisdiction) | Any | Contain |

### *2.3 Retire*

These technologies are being phased out. Plans shall be developed for their replacement, especially if there is risk involved, such as a lack of vendor support.

| Technology | Platforms | Technology Classification |
|---|---|---|
| Network 802.11a | Any | Retire |
| Network 802.11b | Any | Retire |
| Network - Unapproved or undocumented installs | Any | Retire |
| All other non-WPA2 encryption methods | Any | Retire |

**Any standard that isn't listed in the "current" or "contain" table is considered "retired" and should no longer be used or an IT Policy Waiver is required**

### *2.4 Emerging/Research*

Emerging technologies have the potential to become current standards. At the present time, they shall be used only in pilot or test environments where they can be evaluated. Use of these technologies is restricted to a limited production mode, and requires approval of a waiver request. Research Technologies are less widely accepted and time will determine if they become a current standard.

| Technology | Platforms | Technology Classification |
|---|---|---|
| N/A | | |

This chart contains a history of this publication's revisions.

| Version | Date | Purpose of Revision |
|---|---|---|
| Original | 04/08/2022 | Base Document |
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