

HOME WIRELESS CONFIGURATION GUIDELINES

Purpose: To establish configuration guidelines for home wireless networks used by authorized remote users accessing state resources managed by the Department of Information Technology (DoIT).

Guidelines: When a home wireless network will be used to access state resources, the following wireless access point (WAP) configuration guidelines are recommended:

1. Change the default manufacturer admin password to a strong password at least 10 ten characters in length and containing special characters.
2. Change the Service Set Identifier (SSID) wireless name to something unique that does not contain revealing or identifying information.
3. Designate a strong SSID passkey; provide only to those you authorize.
4. Turn off SSID broadcasting to reduce visibility of your network. If not practical, use media access control (MAC) to designate and restrict those who can connect.
5. Enable encryption to Wi-Fi Protected Access (WPA2); WEP is not allowed to access state resources.
6. Secure device from unauthorized users.

If you have questions or need assistance, please consult with your wireless vendor and/or your Internet service provider. Due to the number and types of wireless solutions, DoIT cannot provide assistance with these configuration guidelines. No support for the use of these devices will be provided.

Wireless access users must comply with all applicable policies and accepts that his or her access and/or connection to the State's networks may be monitored to record dates, times, duration of access, data types and volumes in order to identify unusual usage patterns or other suspicious activity. DoIT reserves the right to turn off, without notice, any access port to the network that puts the State's systems, data, users, and clients at risk.

Accountability: Employees who do not comply with the policy provisions referenced in these guidelines shall be subject to disciplinary action as outlined in the Administrative Rules of the Division of Personnel.

Description: These guidelines are provided to support the secure use of home wireless access to State network resources.

Reference: Wireless Communications Policy
Mobile Device Security Policy
Personally Owned Device Policy
IT Standards Exception Policy
Remote Access Policy