



STATE OF DELAWARE  
**DEPARTMENT OF TECHNOLOGY AND INFORMATION**  
 801 Silver Lake Blvd.  
 Dover, Delaware 19904

<b>Doc Ref Number:</b>	SE-Wireless-001	<b>Revision Number:</b>	0
<b>Document Type:</b>	Enterprise Policy	<b>Page:</b>	1 of 5
<b>Policy Title:</b>	<b>Wireless Policy</b>		

<b>Synopsis:</b>	The goal of this policy is to establish the permissible use of wireless networks.		
<b>Authority:</b>	Title 29, Delaware Code, §9004C - General powers, duties and functions of DTI "2) Implement statewide and interagency technology solutions, policies, standards and guidelines as recommended by the Technology Investment Council on an ongoing basis and the CIO, including, but not limited to, statewide technology and information architectures, statewide information technology plans, development life cycle methodologies, transport facilities, communications protocols, data and information sharing considerations, the technique of obtaining grants involving the State's informational resources and the overall coordination of information technology efforts undertaken by and between the various State agencies;"		
<b>Applicability:</b>	This Policy is applicable to all users of the State of Delaware communications and computing resources. DTI is an Executive Branch Agency and has no authority over the customers in Legislative and Judicial Branches, as well as School Districts, and other Federal and Local Government entities that use these resources. However, all users, including these entities, must agree to abide by all policies, standards promulgated by DTI as a condition of access and continued use of these resources.		
<b>Effective Date:</b>	8/18/2015	<b>Expiration Date:</b>	None
<b>POC for Changes:</b>	Parthiban Jayaraman - Chief Operating Officer		
<b>Approval By:</b>	James Collins, Chief Information Officer		
<b>Approved On:</b>	8/18/2015		



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## I. Policy

### EXECUTIVE SUMMARY

This policy establishes that wireless networking in State facilities must be provided by the following DTI's Enterprise Wireless services.

### PURPOSE

The purpose of this policy is to ensure that State organizations are leveraging the State's investments in wireless technologies in a consistent and cost effective manner.

### SCOPE

This policy applies to any State owned, managed, or solicited wireless access over which IP or IPv6 traffic traverses. This policy does not apply to wireless connectivity provided by 3rd parties that grants access to Internet facing systems only (e.g. Verizon 4G Internet access).

At this time, DTI does not provide Enterprise Wireless services to K12 and thus, it is not required or available to K12. When access requirements are not met by the DTI



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enterprise wireless services, the situations will be evaluated on a case by case basis via the State's business case process.

## **POLICY**

When a State organization needs wireless networking, they must select from one or more of the below services.

### **StateNet:**

Provides State employees and equivalent using State owned devices access to user's agency's Intranet. Wireless encryption is implemented in accordance with the State Wireless Networking Standard. Users authenticate to this network with their Windows Active Directory Domain credentials. Content filtering matches that of the agency's wired networks.

### **GuestNet:**

Provides guest users access to the Internet only. Wireless encryption is not implemented on this network. While there is no user authentication, users must accept the Terms and Conditions "splash page" to use GuestNet. Content filtering and firewalling matches DeviceNet and are more relaxed to better support typical guest requirements.

### **DeviceNet (formerly known as PublicNet):**

Provides "device" access to the Internet only (appliances, kiosks, etc. The Internet of Things concept.). Wireless encryption is implemented in accordance with the State Wireless Networking Standard. Authentication is preshared key with MAC address filtering. Content filtering and firewalling matches GuestNet and are more relaxed to better support typical deployment scenarios.

### **BYODNet:**

Provides State employees and equivalent using non-State owned devices access to the Internet without the periodic "splash page" used on



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GuestNet. Wireless encryption is implemented in accordance with the State Wireless Networking Standard. Users authenticate to this network with their Windows Active Directory Domain credentials. Content filtering matches that of GuestNet.

### **IMPLEMENTATION RESPONSIBILITY**

DTI and/or the organization's technical staff will implement this policy during the course of normal business activities, including business case review, architectural review, project execution and the design, development, or support of systems.

### **ENFORCEMENT and WAIVER**

DTI will enforce this policy during the course of normal business activities, including business case and architectural review of proposed projects and during the design, development, or support of systems. This policy may also be enforced by others during the course of their normal business activities, including audits and design reviews.

If there is ambiguity or confusion regarding any part of this policy, contact the party named in the header of this policy.

## **II. Definitions**

1. Preshared Key – A shared secret which was previously shared between two parties using a secure channel before it needs to be used.
2. MAC address filter – Access control based on the 48-bit address assigned to each network card.
3. Active Directory – A directory service which authenticates and authorizes users for a windows domain.



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### III. Development and Revision History

Initial version established **8/18/2015**

### IV. Approval Signature Block

<b>Name &amp; Title:</b> State Chief Information Officer	<b>Date</b>

### V. Appendix

<http://dti.delaware.gov/pdfs/pp/WirelessStandard.pdf>



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