



Item# \_\_\_\_\_

Job \_\_\_\_\_



## Touchpad—Wireless Specifications

Metro's wireless touchpad locking systems have common specifications with regards to the radio performance and security parameters.

### Wireless Radio Specifications:

- 802.11a, b, g or n
- Dual-Band 2.4 or 5.0 GHz frequency

### Security Parameter Options:

- No security
- WEP 64 bit key
- WEP 128 bit key
- WPA-PSK(TKIP)
- WPA2-PSK(AES)
- WPA-TKIP Enterprise\*
  - EAP-TLS (username/password, client certificate, private key, root CA)
    - All certificates and keys in PEM format
    - Option for All-In-One Certificate File
  - EAP-TTLS (username/password, client certificate, private key, root CA)
    - All certificates and keys in PEM format
    - Option for All-In-One Certificate File
  - EAP-PEAP (username/password, client certificate, private key, root CA)
    - All certificates and keys in PEM format
    - Option for All-In-One Certificate File
  - EAP-FAST (username/password, FAST-PAC file)
- WPA2-AES Enterprise\*
  - EAP-TLS (username/password, client certificate, private key, root CA)
    - All certificates and keys in PEM format
    - Option for All-In-One Certificate File
  - EAP-TTLS (username/password, client certificate, private key, root CA)
    - All certificates and keys in PEM format
    - Option for All-In-One Certificate File
  - EAP-PEAP (username/password, client certificate, private key, root CA)
    - All certificates and keys in PEM format
    - Option for All-In-One Certificate File
  - EAP-FAST (username/password, FAST-PAC file)
- WPA-TKIP Enterprise\*
  - Same as above but skip Root CA verification
- WPA2-AES Enterprise\*
  - Same as above but skip Root CA verification

### **Note:**

\*EAP Inner Method must be MSCHAPV2

Touchpad Wireless units will support either DHCP-assigned or Fixed IP addresses.

Lock Database Server must maintain a fixed IP address.

Default TCP/IP Port 4308





## Wireless Touchpad—Software

### LockView® 5Pro software specification for Starsys Advanced Wireless Touchpad

Lockview software is intended to be installed on a facility's computer that is:

1. Capable of connecting via the facility's network to carts equipped with a wireless touchpad or
2. Capable of being mobile to allow connection via USB to an individual cart that is not connected to the network.

#### Minimum System Requirements:

- Windows Vista, 7, 8, 8.1, 10, Server 2008/2012 and R2 versions
- 4GB RAM - Processor 2.0 GHz or higher (8GB RAM recommended)
- 4GB Hard drive space
- SQL Server Standard, Enterprise, or SQL Express 2008/2012/2014 and R2 versions
- ODBC connection required to Server
- Local Administrator Rights are required to install and register the software
- .Net 4.0 Client Framework
- Minimum monitor resolution: 1024 x 768
- Signed 32 bit and 64 bit WHQL drivers
- Supports both 32 and 64 bit Operating System
- Compatible with VMWare
- Information exchanged between LockView software and the wireless touchpad will utilize familiar security encryption methods; WEP 64-key, WEP 128-key, WPA-PSK (TKIP), WPA2-PSK (AES) and other enterprise-class wireless security.

#### Software Features:

- Network connectivity, synchronization is accomplished on user-defined update schedule or can be done manually by pressing the Sync button on the cart's touchpad
- With the software's Compliance Dashboard the administrator has a quick view of unauthorized cart entry attempts, network status and battery level of all wireless touchpad carts on the network
- Remotely manages a database of authorized users and administrators including user name, user's ID #, user's access card number
- Manages database of supported carts and their settings
- Programmable unauthorized access lockout
- Programmable auto-lock timer
- Maintains a comprehensive audit trail of cart access attempts
- eReports can be setup to automatically create and send audit trail reports to a list of email addresses daily, weekly or monthly
- Time based restrictions for access control, individual or group.
- Option to require two different credentials to gain access – i.e. card and ID number
- Alarm volume adjustment settings
- Includes USB cable for initial cart setup and computer to cart connection outside of wireless coverage

#### Software Benefits:

- Eliminates hours of cart fleet management by providing the most efficient management of users and cart settings from a single source with remote connectivity
- Visibility to cart access can provide a higher level of security and minimize diversion
- Provides consistency in authorized users and standardizes settings across a fleet of carts

