

EASYTRAK MINI-KIOSK NETWORK CONFIGURATION

TECH NOTE

This brief note describes how the EasyTrak Mini-Kiosk is connected to your local network, and from there to EasyTrak Service.

The Mini-Kiosk is a self-contained 'intelligent' unit, powered by a small power adapter ("brick"). After initial configuration from the keypad, the Mini-Kiosk is designed to be "plug and play". This means that occasional power outages will not cause problems (with the EasyTrak Mini-Kiosk at least!), and when power returns, the Mini-Kiosk will re-initialize and carry on reporting swipes as usual. Swipes are not lost during a power outage.

If you often have extended power outages and need to continue recording transactions during the outage, you might wish to consider the mini-UPS to provide back-up power; however, under normal circumstances this is not necessary.

Network Configuration

The EasyTrak Mini-Kiosk uses a TCP/IP socket connection outbound on port 5010 to communicate with EasyTrak Production Servers. No inbound ports need to be forwarded in order for communication to be established.

The Mini-Kiosk must be assigned a static IP address, and must be configured with the site LAN netmask and default gateway*.

The EasyTrak server's IP address must be specified in the configuration as well.

Tip: If you can provide networking details ahead of time, SSi Technicians will normally pre-configure each Mini-Kiosk before delivery on site.



One or more EasyTrak kiosks (as shown here) can be used to provide quick, accurate and reliable tracking. Staff sign-in is either biometric (fingerprint) or using a special key-fob as shown.

Transactions are transmitted to the EasyTrak Production Servers securely over the Internet.

Data Synchronization

Once networking is configured as described above, the Mini-Kiosk will automatically connect to the EasyTrak Production Servers, and download employee data, key fob (RFID) codes and fingerprints from EasyTrak.

This initialisation will complete within about 5 minutes, and the Mini-Kiosk is then ready to record swipes and register new fingerprints or key fob (RFID) tags.

User Log In

Users log in to EasyTrak using a secure web browser connection (HTTPS on port 443). There are no special requirements for supported browsers.

** Note: We normally recommend a wired connection for simplicity, security and reliability; however if the convenience of Wifi is attractive, the EasyTrak Mini-Kiosk can be configured to connect through an adapter to your 802.11 b/g network.*

In that case, we strongly recommend a proper encryption scheme such as WPA2 to secure your network and an "excellent" signal strength (e.g. no metal-clad buildings!).

Mini-Kiosk Networking