Communication Setup

SCA can use TCP/IP network sockets or Websockets to accept request(s) from the POS and will respond on the same open socket session. It is the responsibility of the POS to close the connection when no further requests need to be handled.

The TCP Port for communication SCA Application on Engage devices and POS systems is 5015. SCA can accept more than one socket on the same port, however, will only process one request at a time. If a second request is sent while processing the first request, SCA will reply with a DEVICE IS BUSY (59002) response to that second request.

The Socket constructs to be used for establishing the connection to SCA depends on the underlying platform being used for POS development.
The first step for an SCA integrator is to get the necessary communication setup on the device. Depending on the hardware being used, the support for network type would vary.

Following are the supported network types:

- WIFI
- LAN
- Bluetooth
- GPRS
- USB (IP Over USB)
- Serial over Bluetooth

Configuring Static IP

Refer to the following section on configuring Static IP.

- Configuring Static IP

Configuring Network

Refer to the following list of supported networks from SCA application for the configuration details.

- WiFi Configuration
- LAN Configuration

- [Bluetooth (BT-PAN) Network Interface](#)
- [IP over USB POS and Host Communication](#)