



JumpCart Client Software Description

The purpose of this document is to give the reader a basic understanding of the client software component of the JumpCart System. It is intended to aid the network administrator in understanding the interaction between the JumpCart client software and the Internet. It also is intended to insure the network administrator that the JumpCart System is not doing anything that will compromise system integrity or security.

For more information about the JumpCart System please visit the JumpTech website at www.jumptechn.com.

JumpCart Client

The JumpCart client software is a Windows application that runs on the customer's local machine. It simply contains a COM port driver that polls a selected COM port for a scanning device. When a scanning device is connected to the PC via a docking cable the application downloads the scanned codes from the device and sends it to the JumpTech servers via the Internet.

The docking cable is attached to the PC via either a serial port or a USB port. After the client software has been installed, the user may plug a USB cable into the PC. This will kick off the standard USB hardware installation. See the JumpCart System Client installation instructions for details on installing the client software.

Communication Through the Internet

In order to make the JumpCart system as easy as possible, the client software uses a standard HTTP (web services) port to communicate with the Internet. As long as the user of the device is able to use a browser to surf the web, the JumpCart client should be able to communicate with the JumpTech servers.

If the IT department needs to allow permissions for a specific machine on the Internet, it should allow communication to 'www.jumpcartserver.com'.

In the case where proxy servers are used, the client will piggyback off the Internet Explorer settings, so no additional configuration should be necessary. The only thing that might need to be changed is the checkboxes in the 'HTTP 1.1 Settings' heading of the 'Advanced' tab under Tools -> Internet Options in Internet Explorer. Both checkboxes should be checked to insure the client uses the proxy servers correctly.

Should you have further questions or concerns about the JumpCart System client software, please send an email to support@jumptech.com, or call our technical support team at 651.287.6000, option 2.