

Touch Connect Introduction



Touch Connect

Touch Connect handles communication for the Anesthesia Touch platform. It is a service installed on-site at the hospital. It receives interface information (such as ADT and SIU) for the Touch suite, sends outbound messages as needed (e.g., back to an EMR or on-site printers), and it handles necessary communications with the Plexus web applications (over port 443 via SSL). Once installed, Touch Connect handles these communications seamlessly and securely.

Touch Connect Functions

The following functions are handled by Touch Connect.

• Inbound Interfaces ○ HL7 Listener ○ SFTP Listener ○ FileWatcher ○ PTG Virtual Printer	Touch Connect begins listening for interface messages as soon as it is running, including HL7, SFTP, FileWatcher (for file drops), and PTG Virtual Printer (for receiving documents from other EMRs). It receives configuration and parser information via the Plexus TG cloud application.
• Printer Proxy	Once configured via web administration, Touch Connect routes anesthesia records and other documents that need to be printed
• Active Directory Proxy	If Active Directory is configured for authentication, Touch Connect will initiate secure connections for clients
• Outbound Interface Sender	Outbound interface messages, such as to Hospital Information Systems, are handled by Touch Connect

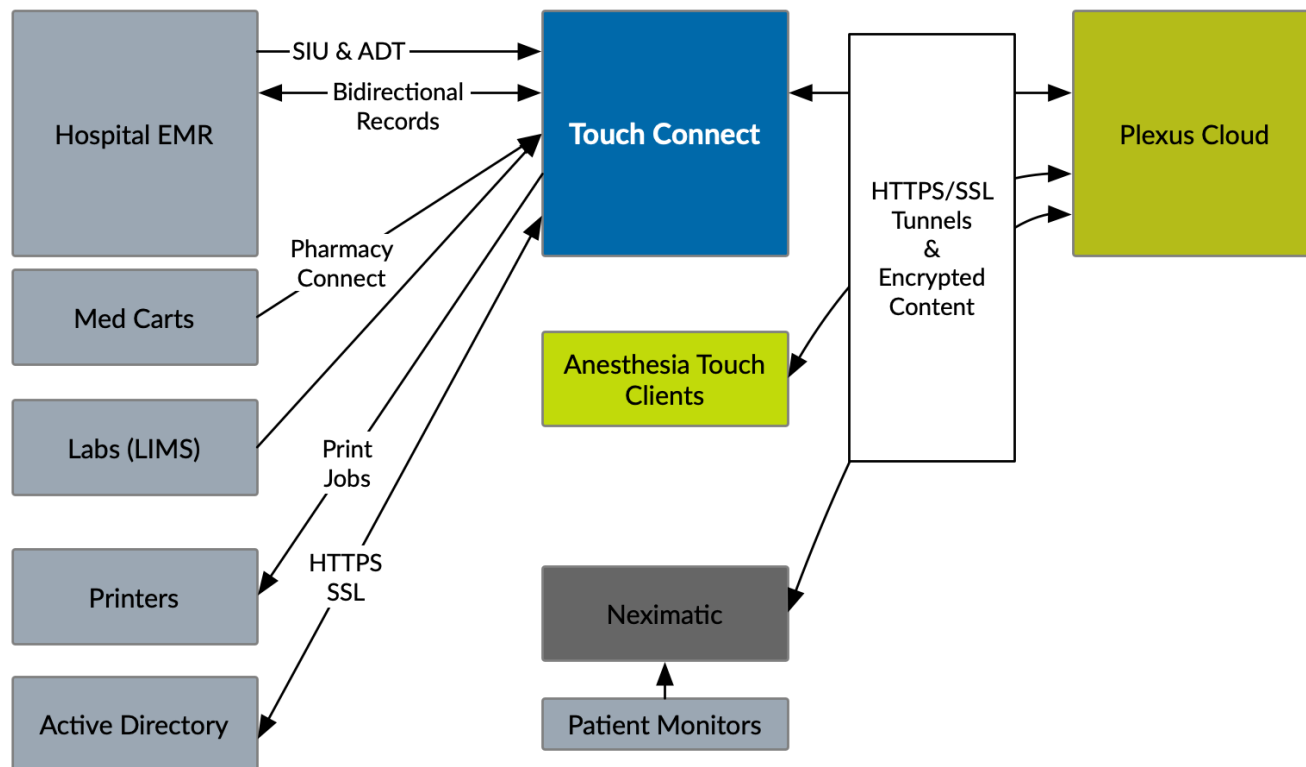
Touch Connect Requirements

Touch Connect has the following requirements and does not need a dedicated server. It can operate in parallel with any antivirus software installed.

Component	Requirement
Hard Drive Space	2 GB
Memory Recommended	4GB – 8GB
Processor	Dual Core
Network Connection	Minimum: 100 Base-T. Recommended: 1000 Base-T
Internet Connection	Broadband or LTE internet connection recommended
Touch Connect Ports	443 to the Plexus Cloud
SecureLink Gatekeeper	Ports 22 and 80 to the SecureLink server
Host OS Requirements	• Windows 7, 8, or 10 • Windows Server 2008 R2, 2012, 2016, 2019, or 2022

Touch Connect Network Diagram

Touch Connect speaks to the entire Anesthesia Touch stack and hospital information systems. Communication to the Plexus cloud is over port 443 via secure HTTPS/SSL tunnel. There are no inbound calls from the Plexus Cloud to Touch Connect, Touch Connect will initiate all connections out.



Additionally, multiple Touch Connect instances may be installed if needed in different network topologies.

Installation

Touch Connect is installed through a standard installer and does not require a reboot. Touch Connect may present a temporary authentication code during installation, which should be entered into the Plexus cloud web application via web browser.

SecureLink Gatekeeper

For customer support, Plexus Technology Group uses SecureLink Gatekeeper for remote access. Plexus Technology Group will not require VPN accounts for access when SecureLink Gatekeeper is installed. Please see the SecureLink Gatekeeper documentation for more information.

Pharmacy Connect Requirements

In order to receive data from a drug dispensing cart, Touch Connect requires an interface from the medication system. Drug dispensing systems—or their interface proxy—need to be able to connect to the Plexus Server on your network (wherever Touch Connect resides).