

Features

- Remote Access
 - World-wide Connectivity
- Application Transparency
 - Use Existing Software
- Firewall Traversal
 - Smart Port Technology
- User/Device Authentication Separation
 - Central Administration
- Secure
 - SSL
 - AES 128-bit Encryption

The Traversix Connectivity System connects remotely-located, serial-enabled devices to existing PC applications. The Traversix Connectivity System provides an end-to-end solution for world-wide connectivity to previously inaccessible devices—even for devices behind firewalls, without any changes to the firewall or application.

Field Service Applications

The Traversix Connectivity System is design for field service organizations that maintain geographically dispersed equipment located inside their customers' premises, and desire remote access to that equipment. The Traversix Connectivity System is the first solution that addresses all the issues of connecting to the remotely located equipment without requiring any changes to the way users connect to and use those devices. The Traversix Connectivity System requires no changes to the customer firewall, and no changes to the application used to maintain the device. All communication is conducted through a secure link. The system has the added advantage of isolating user and device authentication.

Easy-to-Install

The Traversix Connectivity System can be installed and operating within minutes. In the vast majority of installations, the Traversix Connectivity Server requires no intervention beyond plugging the cables in. Upon power-up it will communicate with the Traversix Connectivity Gateway and can be accessed by any authorized user.

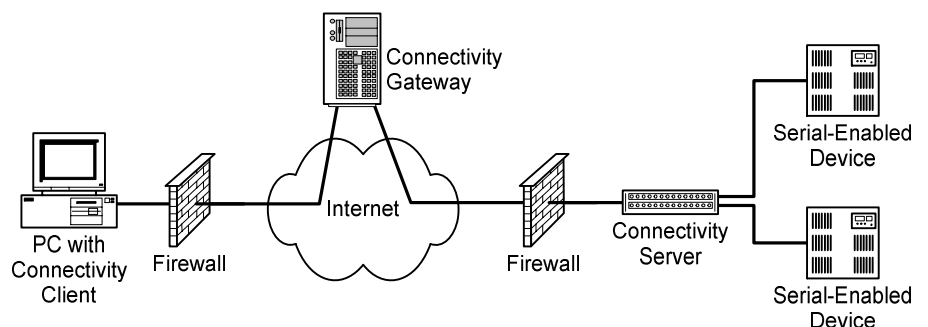
Easy-to-Use

To connect to a device, a user activates the Traversix Connectivity Client on a PC and selects the desired Traversix Connectivity Server and Port (i.e. the device). In two steps, one to log in and one to select the device, the system is ready to use.

Application Areas

- Security Systems
- Hospital/Medical
- Factory Automation
- Data Centers/Telco Central Office
- Building Automation
- Transportation
- Remote Sensing/Monitoring
- Utility Management

Traversix Connectivity System



Application Transparency

The Traversix Connectivity System appears to the PC application as a very long serial cable. Set the application to use one of the Connectivity Client's virtual serial ports and let the Traversix Connectivity System do the rest! No expensive backoffice upgrades to make, no new PC software to purchase or create. Just use the your existing application as is, and do it from anywhere in the world.

User/Device Separation

The Traversix Connectivity System provides network administrators with complete control over users on an individual basis. By centralizing administration and separating device authentication from user authentication, the Traversix Connectivity System provides network administrators with ability to enable/disable and change access privileges on a per-user basis from central point, using a secure web-browser interface.

Firewall Traversal

Connecting to devices hosted at third party sites—whether to geographically diverse sites within an organization or across organizational boundaries—inevitably leads to firewalls and the need to change their configuration. Getting firewalls reconfigured is becoming an increasingly daunting task as more and more devices require special consideration. The Traversix Connectivity System eliminates all these expensive, time consuming, and error-prone processes by using already open outgoing ports to make connections to a central gateway, significantly simplifying deployment and system management.

Secure

The Traversix Connectivity System is a highly secure system using SSL and AES 128-bit encryption for all communications. In addition, bi-lateral authentication between Connectivity Servers and the Connectivity Gateway, as well as between Connectivity Clients and the Connectivity Gateway, must be successfully completed before any bearer traffic is sent. In fact, the Traversix Connectivity System's smart port technology means that the firewall continues to act like a firewall, further enhancing security.

Dial-up Replacement

Many applications today use a dial-up modem to offer remote access. The Traversix Connectivity System is a less expensive, more secure substitute for modems. Converting applications to use the Traversix Connectivity System saves the telephone line's monthly cost and long distance charges, which for international deployments can be substantial. In addition, manageability is enhanced and simplified by centralizing access control.

Getting Started—Three Easy Steps

- 1. Install the Traversix Connectivity Server**
Connect the serial and Ethernet cables, apply power, and verify the server is on-line.
- 2. Install the Traversix Connectivity Client**
Redirect the application to use the Traversix Connectivity Client's virtual serial port.
- 3. Connect**
The user logs in, selects a device and launches in their application.