



ConnectPro

Always Connected, Always Secure



Demand Connection Persistence

When you use the industry leading emulation client, Wavelink Terminal Emulation (TE), as part of your connectivity solution, you also get peace of mind with session persistence from Wavelink ConnectPro. Wavelink ConnectPro is a unique feature, only found with Wavelink TE that allows users to stay connected in the most demanding environments. To accomplish this, Wavelink ConnectPro sits between the client and the host and maintains a steady connection to the host, which is crucial to those environments where users must maintain application connectivity or where RF coverage is poor.

Connection Persistence

ConnectPro eliminates lost information due to dropped connections because the ConnectPro server software maintains the session, even if the device goes to sleep or the connection is momentarily lost. Devices can freely roam in and out of RF coverage, survive a device reboot or battery change while maintaining application state and seamlessly reconnect to the host and existing sessions. ConnectPro maintains session persistence for thousands of devices, truly making it an enterprise level proxy server.

Failover Environment

The ConnectPro server provides multiple options to ensure a complete failover environment and eliminates the potential for single point of failure. Up to three ConnectPro connections can be created so that on the off chance that one does go down, it automatically reconnects to a second or third ConnectPro server. Upon a failed ConnectPro connection, you can also use the standard host connection as a failover, again eliminating the single point of failure and offering redundancy for mission critical applications.

Secure your Client

As an enterprise level proxy server, Wavelink ConnectPro delivers enterprise level security used by most financial institutions and other industries that demand the highest security protocols. Wavelink ConnectPro uses SSL/TLS encryption from the client to the ConnectPro connection and supports SSH encryption from the ConnectPro session to the host application (if the host supports SSH) ensuring the highest level of security. If administrators feel the need to customize these settings, Wavelink ConnectPro easily allows them to create custom security parameters.

Standard telnet connections are not encrypted or secure. Because ConnectPro can force encryption between the client and ConnectPro, all network traffic between those computers can be encrypted and secure. By configuring the client Host Profiles to only perform encrypted connections to ConnectPro, secure connections can be made over non-secure networks, such as older Wireless LANs or the Internet.

Features

Can live on a separate server or on the very host server where the target Telnet server resides

SSL/TLS or Wavelink custom encryption security to the client

SSH-1/SSH-2 security to the host server if host application supports it

Works with all emulation types

Easy to get started with a configuration wizard

With a slimmed down Web server built in, Wavelink ConnectPro has a low profile

ConnectPro management is the same regardless of the OS platform





Connection persistence when you need it most

Administrator Features

With numerous settings for administrators, administrators have a full range of services and settings at their fingertips. With Wavelink ConnectPro, administrators can control who connects to the server and view how long they have been connected. They can also view the last time activity was recorded for a given session. ConnectPro allows the administrator to view IP addresses and ports for all active sessions. With 5250 emulation, the workstation IDs can be seen as well. Administrators can also view the total number of active connections/clients for any given proxy service and the total number of connections made to that proxy service since the last restart of the ConnectPro server.

With a Web-based interface that's easy to use, administrators can easily disconnect a session on demand, suspend a proxy service on demand, set-up multiple proxy services, configure multiple host services, and set automatic ConnectPro server restart times. Furthermore, you have the ability to view client connection aborts and timeouts along with host connection aborts, timeouts, retries, and failures. Even the total number of bytes sent and received by a single proxy service can be viewed.

The Web-based management provides additional security enhancements. One is the ability to activate SSL/TLS Web communications. Another is to restrict access to a given network or a specific workstation. The administrator also has the option to encrypt the access configuration files.

The WAN Environment

ConnectPro allows for seamless roaming across disparate carriers. Wavelink's special design enables mobile units located on the Internet to connect to ConnectPro servers that are located on trusted networks behind firewalls, this connectivity can take place as ConnectPro resumes your network session and allows roaming between different networks.

Data Capture

With Wavelink ConnectPro, administrators can capture Telnet network traffic between the Telnet client and the host. For convenience, the Telnet network traffic is written to one file that can be viewed from the Web-managed ConnectPro interface. ConnectPro also provides various levels of logging, which allows administrators a comprehensive view of the inter-workings of ConnectPro. These features are integrated within the Web-managed ConnectPro interface.

The Industry Leader

Founded in 1992, Wavelink Corporation is the leading provider of multi-vendor mobile application development and mobile device and infrastructure management software. Wavelink's technology solves the unique challenges involved in deploying, managing and controlling auto-ID data collection (AIDC) systems and RFID, and facilitates peak performance from frontline staff. Wavelink's emulation product family is the industry standard in providing host connectivity solutions. More than 10,000 companies in the retail, manufacturing, government and logistics industries rely on Wavelink to accelerate application delivery, reduce device management and support costs, and tighten network security.

Wavelink Corporation

USA and Canada: 1-888-697-WAVE (9283)

Outside USA and Canada: +800 WAVELINK (9283-5465)

sales@wavelink.com

www.wavelink.com
