

THIN-CLIENT TERMINAL EMULATION Terminal Session and Wireless Device Management

“Modernizing emulation with thin-client technology creates unparalleled reliability and enables a host of new features.”

- Dave Griffith, CEO and President



Stay-Linked is the premier host-based solution for terminal emulation, terminal session management, mobile device management, screen reformatting, and speech recognition. Stay-Linked provides completely reliable emulation sessions, even in the most difficult and dynamic environments.

Due to its unique thin-client architecture, mobile device users connecting to emulation host systems with Stay-Linked experience the highest level of performance, connection/session reliability, and data security. Centralized help desk and technology staff benefit from the included Stay-Linked Administrator management console. This provides total visibility and control of all Stay-Linked connected user sessions, wireless terminals/mobile devices, and configuration settings.

Stay-Linked supports a wide range of emulation platforms, including; VT 52/100/220/420, SSHv2 5250, 3270, and SSL. Client software is available for handheld and vehicle-mounted terminals from Psion, LXE, AML, Motorola, DataLogic, Honeywell, Intermec, and many others, and is available as a pre-installed option on devices from Psion, LXE, and AML.

Contact your reseller for a free evaluation. Our support staff is available to take your call and answer any questions during Pacific Time business hours, with emergency support 24/7.

RELIABILITY

Telnet/SSH sessions run on the host, not the device. Devices remote control sessions on the host.

PERFORMANCE

Only net-changes are sent to the client, reducing footprint and improving response speed.

SECURITY

Settings and configurations are stored on the host, not the devices. Transmitted data is secured with up to 448-bit encryption.

MANAGEMENT

View, control, share, and transfer sessions, even if the device is offline. Centralized Help-Desk style interface provides session control from any Windows PC.

CONFIGURATION

Centralizing the configuration on the host keeps the control with your technology team, transparent to the end users.

DEVICE OPTIMIZED

Using a thin-client on the device leaves more resources free for other features and applications.

LICENSING

Licensed by concurrent user, eliminating the need to purchase emulation when you renew your device inventory.

The Stay-Linked Solution consists of 3 components.

Server:

The Stay-Linked Server process is a Java-based application that centralizes all of the key Stay-Linked features. The server process owns each emulation session, sending screen updates to the device only as changes are made. Setting and licensing changes are transparent to your users.

Administrator:

Designed for the helpdesk, the Administrator provides access to client and server settings, client distribution, Scan2Command, Scan2Configure, user management, visibility/control of the emulation sessions, and all of the other features are available from any authorized Windows PC. Administrator profiles allow you to restrict visibility for each user to the sections they need.

Client:

Hardware/OS-specific Clients are available for all of the most popular devices. Hardware-independent Clients are also available for a wide range of additional devices. Having the session owned at the server means the clients are smaller, thinner, and leave CPU and memory available for other device features. If there is an interruption in wireless service, the device simply reconnects and synchronizes with the server to keep the session current.

Solution Requirements *

Terminal Emulation/Console Application

Server:

Java - JRE 1.4.02 or newer
512MB RAM
50MB Disk Storage
(logging increases requirements)
TCP and UDP Network Connectivity

Administrator:

MS Windows XP, Vista, 7, or Server OS
133Mhz CPU
64MB RAM
200MB Disk Storage
TCP and UDP Network Connectivity

Client :

Windows Mobile, Windows CE, Pocket PC, DOS and some Linux-based devices.
UDP Network Connectivity
Some device management features require TCP

**Please review installation guides specific to each host platform for details specific to your preferred server.*

Emulation Types

VT (i.e. 52 / 100 / 220 / 420)
VT UTF-8
SSH
5250
5250 with SSL
3270
3270 with SSL

Host Platforms

MS Windows
IBM i / iSeries / AS400
Sun Solaris
HP/UX
AIX
SCO OpenServer
Linux

and other Java compatible hosts.

Device Manufacturers

Psion / Psion Teklogix
LXE
AML
Motorola / Symbol
DataLogic / PSC
Honeywell / HHP
Intermec

and many others...

Transaction Security is maintained on two levels. The Stay-Linked server process communicates with the emulation host using telnet, SSH, or SSL. When installed natively on the telnet host, transactions stay internal to the system, never leaving the host. Transactions between the client and Stay-Linked server can be configured to use additional encryption above and beyond your network settings. A 64-bit encryption is standard, with optional rotating key 'Blowfish' encryption at up to 448-bit strength.

Licensing for emulation sessions is concurrent. Once your own the emulation, it's yours. A single license key enables your users to connect from any supported device.

Ask your reseller about these additional features:

- Multi/Dual Sessions Per Device
- Speech and SpeechDirect
- Screen Recognition and Reformatting
- Application Host APIs
- Cellular Connectivity
- Device/Terminal Management