

	Stay-Linked Thin Client Emulation	Typical Device-side Emulation
<b>Terminal Emulation and General Solution Features:</b>		
Provides 5250, 3270, and/or VT220/VT100 terminal emulation for devices connecting via Telnet to host-based systems and applications	●	●
Supports DOS, PocketPC, WindowsCE/CE.Net wireless device operating systems for devices manufactured by Symbol, Intermec, PSC, HHP, LXE, AML, Telxon and others	●	Varies by vendor and product
Thin client software design eliminates the use of device-resident Telnet Client software	●	○
Software design utilizes host-resident Telnet Clients and host Server Software to manage all communication with the host Telnet Server (keeps terminal sessions alive on the host)	●	○
Terminal user sessions run on the host and are “remote-controlled” using thin client software that resides on the devices (no Telnet or TCP over the air, or on the network)	●	○
Server software runs natively on highly reliable host computing platforms, including IBM AS/400-iSeries(OS/400), RS/6000-pSeries(AIX), HP9000(HP-UX), Linux and Windows	●	○
Host-resident server design leverages highly reliable host computing hardware and software platforms, as well as existing IT/Systems Mgmt. personnel and procedures	●	○
Host-based server functionality eliminates the need for intermediary hardware gateways	●	○
Client software detects & notifies users of “out of range” vs. “network” connectivity issues	●	○
Includes a centralized Administrator GUI console application for general configuration and management of the host-resident Telnet Clients, Emulation Properties and Functions	●	○
Provides foundation for fully-integrated “Advanced Terminal Session Management” features and Host API enabling dynamic, host application-driven control of user devices	●	○
<b>Licensing:</b>		
Provides wireless terminal access to unlimited network-connected Telnet hosts	●	●
License provides 5250, 3270 and VT220/VT100 wireless terminal emulation types	All 3 types included	Varies by vendor and product
Utilizes “Concurrent User” licensing. No requirement to license each individual device. Avoids need to buy new Telnet client licenses when old devices are replaced with new.	●	○
Total number of licensed users is managed centrally and can be increased “on the fly”	●	○
<b>Performance:</b>		
Data compression reduces size of data packets and network bandwidth utilization	●	○
“Micro-Packet” communication reduces network load (no packets larger than 512 bytes)	●	○
“Quiet Protocol” methodology eliminates non-essential network utilization	●	○
Provides high performance data transmission despite challenging network conditions	●	○
<b>Security:</b>		
Firewall-friendly connectivity (with port restrictions and static NAT configuration)	●	○
Encrypted, secure device to host communications	●	Varies by vendor and product
Enhances WEP, LEAP and WPA wireless network security (adds data layer security)	●	○
UDP/IP Client2Host protocol eliminates typical TCP and clear-text Telnet transmissions	●	○