



# SLNet 4.1: Advanced Telnet Service For Wireless Environments

## Customer Quotes:

“Remote users took 20 minutes to complete some jobs because they had to retrieve data over the remote link...now they can run those same jobs in 10 seconds by using SLNet on the host machine.”

“Everyone supporting remote users on Windows NT should have SLNet RF installed”

-- Dennis O'Loane, Merit Distributing

“SLNet allows hand-held RF based terminals, used in warehousing and logistics management applications, to communicate to the NT system via a terminal controller, which is essential to our application.”

-- Gary Binowski, Southern Micro Systems

*SLNet 4.1 is advanced telnet software that turns any Windows NT/2000/2003 server into the most advanced multi-user terminal server on the market. SLNet 4.1 is optimized for warehousing and distribution environments and is specifically designed for wireless RF devices to access and manage terminal sessions.*

## The Choice of Big Name Companies For Over a Decade

We have over 3,000 customers using SLNet around the world. This includes companies who have built our product into their own applications, such as:

- **SAP, QAD, The GAP, Merit Distributing, Southern Micro Systems, Symbol, IBM, Cisco Systems, UPS, Sears, Equinox, DataFocus, Intermec** and many more...
- SLNet 2.6 is highly recommended for all **SAP Console** users

## Advanced Terminal Services Optimized for Wireless

Install the SLNet 4.1 Telnet server on your Windows NT/2000/2003 host and you can access applications in real-time from any terminal or handheld RF device that supports the Telnet protocol. SLNet 4.1 lets you go wireless today without the hassle of extensive application rewrites or the time and expense of learning new and complex packages.

- Allows 40 concurrent connections out of the box; can be configured for more
- Automatically Reconnects when remote devices go out of range to recall user session and data
- Multiple Consoles from the same session for greater flexibility of access
- Supports more than just VT class terminal emulation types
- Written in open Internet standards to work with any telnet client, no proprietary client software is required
- Heartbeat Monitor to periodically check if remote client is still “alive” with definable Idle Time to clean up processes when a connection is dropped or timed-out
- System administrators can include more information such as security warnings for log-on banners through the multi-line banner support
- Gives administrators the flexibility to customize the log-on and password prompts for Specific Login Authentication or Logon by IP address
- Direct Access to Custom Applications: SLNet offers you the power to define default custom applications for users as soon as they log in
- Default Domains or Prompt for Domain
- Selectable Logging Levels (None, Informational, Errors, Security)
- Access to Windows' Common Command Shell which is equivalent of the DOS command prompt so users can run OS/2 or POSIX applications



**SAP Console Recommended**

## RF Device Support

SLNet 4.1 allows multiple concurrent RF devices connections. Users can simultaneously gain access to Windows NT, 2000 and 2003 hosts without extensive application rewrites or the investment of learning new and cumbersome wireless APIs

- SLNet 4.1 supports small screen size situations where clients do not handle wrapping, and sending larger packets
- Use existing character-based and DOS applications to run multi-users without modification to Windows NT, 2000 or 2003
- Supports Serial Devices such as barcode readers, time clocks and cash registers – to perform command line operations

## New Levels of Security

Users run in their own appropriate security context, with all their own permissions in place, just as if they had logged in from the main console. This completely preserves all Windows C2 security features.

Some hackers use programs to randomly search for open ports and for prompts like Logon. To avoid that, SLNet 4.1 gives administrators the ability to customize the log-on and password prompts. For example, administrators can change the SLNet prompts, and use "Yes?" instead of Logon

- NTLM Authentication with encryption to automatically logon for domain authenticated users
- Allows administrators the ability to configure SLNet permissions on a user-by-user basis
- Secure Logon: SLclient32 encrypts user IDs and passwords for secure logon over the Internet. With SLNet's AuthTypes registry value you can specify the level of encryption (and the encryption protocol) for the entire system, or on a user-by-user basis
- Logs a record in the Windows event log every time a user connects or disconnects, a record of what process was executed, and resulting code
- SLNet 4.1 contains two new levels of definable "time-out" features. This includes the clean up of processes when connections drop, as well as inactivity time-outs so that clients are logged off after specified periods of no reported activity
- Restricts log-on rights to specific IP addresses or address ranges
- Allows the log-on sequence to be encrypted
- Allow Fine-grained connection control:
  - Run the Telnet service on a different port
  - Maximum Connections Limit
  - Maximum Logon Attempts
  - Allow Users to wait for connection, or not

## SLNet 4.1 Technical Specifications

### System Requirements:

Microsoft Windows NT version 4.0 Service Pack 3 or higher  
Microsoft Windows 2000  
Microsoft Windows 2003 server

### Disk Space:

4 MB

### Memory:

1 MB of RAM per user logon

### Other:

To view online documentation files included with the software, IE 4 or greater is required.



## For More Information

SeattleLab is a global software development company that builds innovative solutions for electronic communications for a more secure, efficient and productive environment.

SeattleLab's wide range of communication and security solutions include: anti-spam, anti-virus and content security; email server management, Telnet Server for RF Devices

Our high-quality products are known for being highly reliable, robust, yet affordable and easy to install and use. For over fifteen years SeattleLab has developed a loyal customer base due to the fast ROI achieved with our products and high level of customer service and support.

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