



MindTerm

MindTerm is a powerful and easy to use secure remote access client that implements the SSH1 and SSH2 protocols. It is written in Java and is available both as a stand-alone application for end-users and as a library component which can be embedded by OEM customers in thirdparty applications and web pages where it can be downloaded as an applet.

Benefits

- Encrypts data which improves security of connected computer systems
- Routes and validates authorized user access to internal systems as defined locally
- Provides Client Support for mobile, Linux, OSX, Windows, and legacy computing systems
- Ease of use and deployment of clients is available when deployed via internal web pages
- Provides terminal emulation for varied computer systems types
- Supports varied existing authentication systems as well as proxy support. (FTP,SCP, Telnet, socks)
- Capable to be used in FIPS mode together with a FIPS-certified 3rd party JCE



Features

- 100% Java based
- Swing-based GUI for native platform look and feel and AWT based GUI for wide platform compatibility
- Support for SSH-1 & SSH-2 protocols
- Support for both IPv4 and IPv6 addresses
- Support for TCP traffic tunnelling from other applications with active tunnel display
- Integrated, full-featured terminal emulator:
 - Full clipboard support (edit, copy, paste)
 - Save to text file support
 - Terminal types: xterm, xterm-color, linux, scoansi,att6386, sun, aixterm, vt220, vt100, ansi, vt52, linux-lat, at386, vt320, vt102, Tandem 6530, 3270 add on module.
 - Color support in terminals
 - Fonts and font size can be changed
- Ability to save passwords in encrypted files with a global password protecting all settings
- Ability to connect through standard HTTP (with basic or NTLM authentication), Socks4 and Socks5 proxies.
- MindTerm can also act as a Socks proxy for applications
- Integrated ftp proxy which allows the user to connect with a normal ftp client to an ftp server
- Integrated ftp to sftp proxy which allows the user to connect with a normal ftp client to an sftp enabled
- SSH-2 server.
- Support for keep-alive packets
- Integrated DNS round robin: tries to contact all IPAddresses specified in DNS until the connection succeeds
- MindTerm supports password authentication, "keyboard interactive", public key authentication, certificates and Kerberos tickets (gssapi-with-mic authentication) for Zlib LZ77 (RFC-1950/1951) compression of network traffic
- Supported Ciphers: AES (128, 192, 256 bits), Blowfish, Twofish, Cast-128, 3DES and Arcfour (RC4)
- MindTerm can also act as a telnet client
- MindTerm source code has a well defined API and the MindTerm library is easy to use and has successfully been integrated into many third-party products.
- Contains classes for launching and interacting with commands on the SSH server
- Contains classes for transferring files using both scp and sftp (ssh-filexfer)
- Self-contained with no external dependencies
- Can be built with "ant" (build.xml file included) or imported into an IDE
- Delivered with both Swing and AWT GUI support. The library can also be used completely without a GUI.
- API documentation and examples
- Source code contains a MindTerm light client with a GUI optimized for smaller devices (telephones and PDAs)
- Optionally can be used with any 3rd party JCE
- Optionally can be used in FIPS mode together with a FIPS-certified 3rd party JCE
- uses Java NIO for performance and scalability



Mindterm can also act as a Telnet client or Telnet Proxy

System Requirements

MindTerm requires a Java run time environment (JRE) that supports Java 1.1.x or higher. MindTerm is known to function on almost all Java enabled platforms such as Windows, MacOS, Linux, Solaris, HP-UX, etc.

License and Download

MindTerm is available free of charge for personal and limited commercial use for up to 25 users. Other users and OEM customers may license MindTerm for a fee. For more information, please contact sales@cryptzone.com

MindTerm is available for download from: www.cryptzone.com/products/agmindterm/



Cryptzone solutions mitigate information security risks in the key areas of Policy Compliance, Content Security, Secure Access and Endpoint Security.

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