

Terminal Emulation

Mobilize your business efficiently and confidently with Wavelink Terminal Emulation™

Wavelink Terminal Emulation™ is the industry leading emulation client and is in use on more than 2,500,000 mobile devices worldwide, including many of the largest retailers in the world. The most comprehensive solution for accessing, managing and maintaining connections to applications resident on host systems using popular emulation types that include 5250, 3270, VT and HP emulation.




wavelink®



The industry standard emulation client

Mobilize your business efficiently and confidently with the industry standard emulation client

Wavelink's Terminal Emulation (TE) enhances the productivity of your mobile workforce, IT staff and the applications and devices they use. With Wavelink TE™ you can spend less time supporting, and more time focusing on business operations.

Secure technology you can count on

Wavelink TE offers one of the most secure, configurable and flexible terminal emulation clients available. Up-to-date with the latest security standards, we help keep data safe as it travels over the wireless LAN (WLAN). Industry standard communications, including 802.11a/b/g, provide simplicity and speed in virtually any WLAN environment. With a robust WLAN connectivity that enables users to roam in and out of wireless coverage, you can reboot devices and change batteries without losing the application state.

Get the most out of your mobile computers with maximum data capture flexibility

Where other terminal emulators support some of today's input types, only Wavelink TE supports virtually all data types. Wavelink TE's tight integration with mobile computers provides the ability to accept data from the keyboard, bar code scanner, voice inputs, RFID reader, magnetic stripe reader or touch screen.

Robust support tools for IT

Wavelink TE provides a wealth of tools to simplify IT support. IT personnel can take control of a Telnet session, while device session logs provide insight into the performance history for that specific device, including scanning levels and battery issues. This combination of capabilities allows IT to quickly and easily troubleshoot and resolve device issues, ensuring users return to work promptly.

Boost the productivity of your mobile workers

Wavelink TE helps your system and people work smarter by providing intelligent data collection and communications functions. Prevent errors and inefficiencies caused by incorrect data entry or scans, take advantage of easy on-screen navigation, and maximize the uptime of your workforce by avoiding dropped connections. Empower your IT staff to get detailed control over various functions, from scanning, to users' access to applications and interactions with the host, such as directed messages and error notices.

Minimize support & administration costs with integrated management

Relieve the burden of supporting your software and mobile devices. Wavelink TE comes tightly integrated to be remotely configured, secured, managed and updated from a central management console. Using Wavelink Avalanche® with Wavelink TE allows you to seamlessly revise device configurations, synchronize software and update firmware and drivers. To monitor and manage your install base of mobile devices and applications, Wavelink Avalanche also provides real-time visibility into their status. You can also keep track of all managed assets and export asset data to reporting applications.

Gain flexibility to support mixed hardware and emulation environments

Wavelink TE provides you with flexibility and investment protection by supporting the broadest range of mobile devices and emulation types available. With Wavelink TE, you can preserve your existing infrastructure, while migrating to newer devices and technologies. Run emulation based applications consistently across your DOS/legacy units and Windows®based devices, providing a seamless user experience with the benefits of lower costs for support and training. Utilize the most popular emulation types including 5250, 3270, VT100, VT110, VT220, VT320 and HP, and take advantage of running multiple emulation sessions concurrently (i.e. 5250 and VT) from the same device.



As the industry leader we provide innovative features

Connection persistence

You can avoid dropped connections with Wavelink TermProxy as part of your Emulation solution, without adding a single point of failure. Allow devices to freely roam in and out of RF coverage, survive a device reboot or battery change while maintaining the application state and seamlessly reconnect to the host application.

Advanced scripting

Simplify applications and reduce errors by creating and executing scripts within host application sessions by automating common user functions. Scripts are easily created and executed to solve real world problems.

Wavelink Session Monitor utility

Easily support multiple concurrent sessions that enables users to access multiple applications simultaneously. View the Telnet Client on a mobile device from the Avalanche management console and take control of the Telnet device session. View the device performance history and have the ability to quickly and easily identify and resolve user issues.

Easy-to-use navigation

Make your mobile workers more productive with smart user-interface features such as touch screen hotspots, display lockdown, key mapping, keyboard macros, configurable battery level and signal strength indicators.

Tight integration with mobile computing data capture functions

Utilize integrated data collection functionality that includes barcode scanning, voice, magnetic stripe readers, RFID readers and signature capture.

Connectivity to host systems without modification of existing applications

Set up emulation parameters, keyboard mapping and host connection profiles remotely through an integrated central management console with Avalanche device management solutions.

Wireless updates of emulation client and settings

Drastically reduce support costs by updating emulation parameters and load/update the emulation client wirelessly from a central console.

Screen re-formatter

Administrators can edit terminal emulation screens to meet their business needs using a WYSIWYG screen editor tool.

Single and double-byte language support

Delivery of custom application messages in native double-byte languages.

Supported devices

Wavelink Terminal Emulation software features the broadest range of supported devices across all major AIDC mobile device vendors and OS platforms. As an agnostic solution, Wavelink TE supports DOS and Windows® based devices and preserves existing infrastructure investment, while providing an easy migration path to newer devices and technologies.

Maximize the value of mobile devices and existing business applications

No other company can provide you with the flexibility and breadth of enterprise integration options as Wavelink Terminal Emulation. Add the power of Wavelink Avalanche® with Wavelink Avalanche Mobility Center™, Wavelink Remote Control™, Wavelink CE Secure™ and Wavelink Certificate Manager™ to your Wavelink TE.

Wavelink Industrial Browser™

With Wavelink Industrial Browser, you can add new, Web-based applications while maintaining existing host-based terminal emulation applications. By not replacing the legacy application, you save money and greatly reduce the need for training. Our Industrial Browser provides you with a practical Web browser with integrated support for barcode, Voice and RFID technologies.

Wavelink Speakeasy™

Incorporate voice functionality through Wavelink Speakeasy, a plug-in for Wavelink Terminal Emulation. A simple solution that enables voice interaction with host-based legacy applications and does not require any modification to the legacy applications or additional infrastructure. Speakeasy is integrated in its entirety through a script that is deployed and processed solely on the mobile device. No new server, no voice profile training or management, and no modification or replacement of the host application is required.

Avalanche Mobility Center™

Avalanche Mobility Center is a comprehensive management solution for the wireless enterprise that provides complete visibility and control of wireless infrastructure and mobile devices from a central console. Ease the configuration, deployment and management of your wireless networks.

The Industry Leader

Since 1992, Wavelink has grown to become the largest company of its kind with software running on more than 4,000,000 devices. Wavelink Corporation is the leading provider of mobile device and infrastructure management and mobile applications in the enterprise mobility market. Wavelink's technology solves the unique challenges involved in deploying, managing and controlling mobile devices and other wireless network elements, and facilitates peak performance from wireless technology, applications and end users. Over 8,500 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.

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