

Terminal Emulation

Mobilize your business efficiently and securely with Wavelink Terminal Emulation™

Wavelink Terminal Emulation™ is the industry-leading emulation client and is in use on more than 4,000,000 mobile devices worldwide, including many of the largest retailers in the world. Wavelink Terminal Emulation is 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. TE is also available for iOS and Android OS devices, which gives customers further flexibility and value.




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 companies can spend less time supporting, and more time focusing on business operations.

Secure technology you can count on

Wavelink TE offers the most secure, configurable and flexible terminal emulation clients available. Up-to-date with the latest security standards, Wavelink TE helps 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.

Fully voice-capable solution

Easily add voice with a drag-and-drop voice designer to terminal emulation with Wavelink Speakeasy voice-enabled emulation without creating new server-side applications, purchasing specialized voice-specific mobile devices or additional servers. Wavelink Speakeasy provides a low-cost, high-quality integration of voice-driven, hands-free data collection features into existing host connectivity applications.

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

Where other terminal emulators only 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, barcode scanner, voice inputs, RFID reader, magnetic stripe reader or touch screen. Combined with support for newer rugged Android OS devices, Wavelink TE offers an unmatched breadth for device support.

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 troubleshoot and resolve device issues, ensuring users return to work promptly. Administrators can also diagnose, troubleshoot and resolve mobile device issues by generating session logs that provide valuable insight into performance history.

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 and 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 smoothly revise device configurations, synchronize software and update firmware and drivers. To monitor and manage your installed 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 iOS, Android and Windows-based devices, as well as DOS/legacy devices, to provide 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

When you use Wavelink TE as part of your connectivity solution, you also gain peace of mind with session persistence from Wavelink ConnectPro. It's a unique feature only found within Wavelink TE that allows users to stay connected in the most demanding environments. It eliminates the potential for single points of failure, allows 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.

Run multiple sessions simultaneously

Enable multi-tasking among workers with multi-session support that allows works to jump from workflow to workflow without needing to re-start sessions.

Advanced scripting with Wavelink TE Script Editor

The TE Script Editor allows administrators to easily navigate their scripts with an easy-to-use user interface in the Script Text-Editor, which includes a menu bar, a tool bar and a status bar with line numbers. With the Script Editor, administrators can identify potential errors in scripts and jump to the location of an error with the Script Editor Debugger for TelnetWin. 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.

Screen Reformatter

With an easy-to-use WYSIWYG screen editor, administrators are able to capture emulation screens and reformat the screens to optimize the end-user experience for their particular mobile device and work environment. This leads to an improved user experience and better productivity to help meet today's business needs. Within Wavelink TE, administrators can deploy the new screens smoothly to the desired mobile devices, using Wavelink Avalanche or OS-specific synchronization utilities.

Localized for global deployments

Workers are productive wherever their mission-critical business processes take place. Wavelink TE clients for iOS and Android are localized to support 10 languages.

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, and 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, as well as keyboard entry. With new and enhanced SIP keyboards available with TE for Android, and TE for iOS, mobile workers can access the most important commands and functions for the emulation type of their enterprise host application.

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.

Optimize workflows with custom keyboards

Use Wavelink TE's WYSIWYG keyboard editor to design and lay out the optimal keyboard for a task workflow.

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, the Wavelink TE product family supports Windows® based, iOS, Android and DOS 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 with Wavelink Terminal Emulation. Add the power of Wavelink Avalanche®, Wavelink Remote Control™ and Wavelink SecurePlus™ to your Wavelink TE.

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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 offers a practical Web browser with integrated support for barcode, Voice and RFID technologies.

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Wavelink Speakeasy™

Wavelink Speakeasy is the future of Voice and is rapidly changing the way warehouses, mobile inspections, field services and yard management do business. It requires no changes to back-end WMS systems, no new voice servers or new voice specific devices, no voice profile training and no recurring costs of managing voice profiles and new servers, Speakeasy maximizes productivity and minimizes support and administration costs.

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Wavelink Avalanche®

Wavelink Avalanche is a comprehensive management solution for the wireless ecosystem that provides complete visibility and control of wireless infrastructure and mobile devices and Smart Devices from a central console. Avalanche eases the configuration, deployment and management of wireless networks, while offering extensive flexibility by supporting a wide range of mobile devices and infrastructure. It is the only vendor-agnostic product in the market offering such extensive functionality and reduced complexity across such a large number of mobile devices and infrastructure. It improves the productivity of mobile workers, increases network security, and reduces the total cost associated with owning and managing mobile devices and peripherals.

When the optional Avalanche SecurePlus (which extends device and data protection) and Avalanche Remote Control™ remote troubleshooting are layered, Wavelink provides the most comprehensive solution set available in a wireless management system today.

The Industry Leader

Wavelink, a business unit of LANDESK, is the leading provider of multi-vendor mobile device management, wireless infrastructure management, terminal emulation, voice enabling and mobile application development solutions. Wavelink has more than nine million active client licenses in use worldwide.

Wavelink solutions solve the unique challenges found in deploying, managing and controlling today's enterprise mobility systems. These solutions facilitate peak performance from frontline staff. Wavelink offers a platform to manage, provision, update, secure and troubleshoot ruggedized mobile computing platforms from a single, easy-to-use console.

Wavelink products ease the growing chaos around mobility, heterogeneity, and the challenges around more demanding end-user computing environments. Inside the four walls, or in the field, Wavelink leads mobility.

Wavelink Corporation

USA and Canada: 1-888-697-WAVE (9283)
Outside USA and Canada: +800 WAVELINK (9283-5465)
sales@wavelink.com
www.wavelink.com

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