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 3,000,000 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.

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.

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 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 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, 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 get peace of mind with session persistence from Wavelink ConnectPro. Wavelink ConnectPro is 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 point of failures, 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.

Wireless wide area network support

Users can set Host Profiles in Wavelink TE to automatically connect to a given wireless WAN when a terminal emulation session begins, thereby allowing users to use cellular networks, such as GPRS, when the wireless WAN is not available. Administrators can set this option to automatically disconnect from a wireless WAN when all sessions using it are disconnected.

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 quickly and easily 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 seamlessly to the desired mobile devices, using Wavelink Avalanche or ActiveSync.

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 problems.

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, as well as keyboard entry.

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.

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®, Wavelink Remote Control™ and Wavelink SecurePlus™ 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™
Wavelink Speakeasy is the future of Voice and is rapidly changing the way warehouses, mobile inspections, field services and yard management do business. Requiring 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.

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 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
With more than 6.5 million active client licenses in the field, Wavelink is the leading provider of multi-vendor mobile device management, wireless infrastructure management, terminal emulation, voice enabling, proactive telecom expense management and mobile application development software. Wavelink technology solves the unique challenges involved in deploying, managing and controlling today's enterprise mobility systems and facilitates peak performance from frontline staff. More than 15,000 companies in retail, manufacturing, healthcare, government, public safety and logistics industries rely on Wavelink to accelerate application delivery, reduce device management and support costs, and tighten network security. Inside the four walls, or in the field, Wavelink leads mobility.

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