



Wavelink Emulators Feature/Benefits Path



Overview

This document reviews the features and benefits of the Wavelink Emulators software product line from version 5.0 to version 7.0. In addition, outlining the new features to each product release.

Features/Benefits	v7.0 Released 08/21/07	V6.1 Released 01/04/07	V6.0 Released 08/30/06	V5.1.1 Released 02/08/06	V5.1 Released 08/17/05	V5.0 Released 01/31/05
Speech-to-Text/Text-to-Speech TBD	✓					
WIB Optimized for SAP Web Console Improvements when using employing the WIB to access their SAP console.	✓					
WIB Session Monitor-Session Override Support Session Monitor can override WIB emulation sessions.	✓					
Scripting Enhancements Includes support for several new scripting commands such as Web_Navigate, Web_Scripting and Web_Search_Source. Also able to launch third party applications & integrated with WIB.	✓					
TermProxy 4.0 Support Supports TermProxy SSH connections	✓					
Emulation Keyboard Font Control Able to specify the font when creating and editing emulation keyboards.	✓					
Multiple Script Support Added support for executing multiple Wavelink scripts simultaneously.	✓					
Auto-populate emulation fields via scripting Field Data ID – for the IBM 5250 emulation, this feature allows the user to use scripting to configure Field Data Identifiers. Field Data Identifiers assign a unique ID to each field on the screen. Anytime a barcode beginning with that particular ID is scanned, the information is automatically populated in the corresponding field.	✓	✓				
Resource Editor This feature allows the user to import graphic and sound files that may be deployed to your mobile devices. You may add, modify, and deploy any .bmp or .wav file using the Resource Editor.	✓	✓				

<p>Wavelink Industrial Browser (WIB) enhancements</p> <p>(1) BatteryNavigate, SignalNavigate and PowerOn Wavelink Industrial Browser metatags (2) Ability to configure network out-of-range message (Wavelink Industrial Browser only). (3) Improved Wavelink Industrial Browser Session Monitor utility - allows the user to view the Telnet Client on a mobile device from the Avalanche Management Console. This feature includes: enabling session monitor, configuring session monitor, launching session monitor and tracing sessions. (4) Wavelink Industrial Browser elements support unique settings: enable/disable scanner by field, enable/disable symbologies and OnKey and OnAllKeys commands for key presses. (5) Wavelink Industrial Browser auto-login to proxy servers.</p>						
<p>Supports 5250-3270 auto log in</p>						
<p>Auto-launch Host Profiles</p> <p>Host Profiles may now specify which session they will be auto-launched with.</p>						
<p>Provides for the reordering of host profiles</p> <p>Host Profiles may now specify which session they will be auto-launched with.</p>						
<p>SIP Button State Option</p>						
<p>Printer TCP/IP Address Option</p>						
<p>Network Traffic Log File Maximum Size Option</p>						
<p>Increased WIB Functionality - Operating System Lockdown & Software-based Input Panel control</p>						
<p>Increased WIB Functionality - Multiple Browser Sessions Capability</p>						
<p>Increased WIB Functionality - JavaScript Support for Barcode Scanning, MSR and RFID Reader</p>						
<p>Increased WIB Functionality - Printer Support via META Tags and JavaScript</p>						
<p>Increased WIB Functionality - Supports JavaScript Events</p> <p>On-scan, On-RFID, and on Key Press</p>						

Increased WIB Functionality - Supports JavaScript Objects: Scanner Enable/Disable, Symbology Configuration, Printer Configuration, Printer Print String and Printer TCP						
Increased WIB Functionality - Supports Full Screen Mode						
Increased WIB Functionality - Supports Context Menus						
Increased WIB Functionality - Hardware Key Mapping to Events & URLs						
Increased WIB Functionality - Special URL Commands Hide/Show Software-Based Input Panel, Quit, Back, Forward, Home, Refresh and Text Size.						
Increased WIB Functionality - Manipulate, Validate and Parse Barcode Scan Data						
Increased WIB Functionality - Color RF Signal & Battery Level Indicators						
Increased WIB Functionality - Wireless Client & Configuration Updates						
Increased WIB Functionality - Hot Key Between Emulation & Browser Sessions						
Increased WIB Functionality - Out of Range & Roaming Support						
Increased WIB Functionality - Advanced Scan Handling						
Increased WIB Functionality - Access List to Prevent or Limit External Web Sites						
Increased WIB Functionality - HTTP and HTTPS Proxies						
Disconnect Sound Option						
Stretch Screen Height and Stretch Screen Emulation Parameters						
SSH Support - Custom Keyboard Mode						
Import/Export Settings						

<p>Free Wireless Update Functionality</p> <p>Via Avalanche, limited wireless functionality will be licensed in the clients. Customers will be able to update TE parameters and load/update the TE client itself without purchasing AVA licenses. The free AVA functionality will be limited.</p>	✓	✓	✓	✓	✓	
<p>Wavelink TE Scripting Utility</p> <p>Create and execute scripts streamlining the end user experience. The TE Script Editor (launched from the AVA console) allows for scripts to be easily created via the UI, captured from an active TE session, or imported from the AVA console. These scripts can be launched by a number of triggers including selection from a menu, on session connection, on a defined key combination, on screen update, or on scan (barcode, RFID, and MSR).</p>	✓	✓	✓	✓	✓	
<p>Battery Level and Signal Strength Indicators</p> <p>Can be configured to display graphical batter level and signal strength indicators. The indicators can be independently displayed in the system tary at the bottom of the screen or on the screen via x, y coordinates. The indicators can also be configured to only display when the levels become critical.</p>	✓	✓	✓	✓	✓	
<p>Keyboard Builder Utility</p> <p>Able to create custom virtual keyboards via the Wavelink Keyboard Builder. The Keyboard Builder Utility is launched via right-click on the TE software package in the AVA console. This utility allows for customized keyboard size, key definition, and displayed keyboard graphics. The utility includes keyboards for supported emulation types that can be edited as desired. The utility also supports the creation of keys representing emulation-specific key values.</p>	✓	✓	✓	✓	✓	
<p>Server Redundancy with TermProxy 3.0</p> <p>Define backup servers to address the possibility of hardware failures - users will automatically be directed to the next server by priority.</p>	✓	✓	✓	✓	✓	✓
<p>Failover Support with TermProxy 3.0</p> <p>In the event of a server failure, users are connected directly to the host system.</p>	✓	✓	✓	✓	✓	✓
<p>SSL Security Support</p> <p>Client emulators and the TermProxy 3.0 server feature support for SSL, ensuring industry standard, secure wireless communications for TE sessions.</p>	✓	✓	✓	✓	✓	✓
<p>Session Monitoring</p> <p>View real-time end user session activity from the</p>	✓	✓	✓	✓	✓	✓

<p>Wavelink Avalanche console. Observe and interact with the entire Telnet screen including a highlighted section representing the portion of the screen being viewed by the end user device. Help desk administrators take over specific end user sessions to address reported problems in the field. The end user can be locked out of the session during the troubleshooting effort if desired. Ability to retrieve logs of all communications between the host and client in order to perform advanced diagnostic and troubleshooting functions.</p>						
<p>Monitoring of Session Statistics Ability to view important session data such as battery status, scans per user, scans per minute, user session activity and more.</p>	✓	✓	✓	✓	✓	✓
<p>Mapping Keys to Multiple Key Presses On devices with a limited number of keys on the keyboard, a custom mode has been added where one key could be pressed one or more times to get alternate values. For example, the "0" key could be mapped to "A", "B" and "C". Consequently, the user would press "0" key once for "A", twice for "B", and three times for "C".</p>	✓	✓	✓	✓	✓	✓
<p>RFID Support Integrate RFID tag data into existing telnet applications. RFID data can be queued, filtered and forwarded to the existing host server application.</p>	✓	✓	✓	✓	✓	✓

■ **For more information**

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