Wavelink Avalanche
Part of the ORiNOCO Smart Wireless Suite

Smart Wireless Suite:

A new suite of tools to manage and secure ORiNOCO WLANs.

- Plan, deploy, maintain wireless networks
- Eliminate manual maintenance tasks
- Enforce security consistently
- Centrally manage infrastructure
- Policy-based configuration and security

Automate Mobile Device Software Updates

Companion to the Wavelink Mobile Manager and part of the ORiNOCO Smart Wireless Suite, Avalanche performs software updates and distribution for enterprise mobile devices. Avalanche automatically handles the most time-consuming, manual aspects of mobile device maintenance. A single console allows verification and deployment of settings to platforms such as Fujitsu, Intermec, PSC, HP/Compaq, Symbol, Windows and Windows CE, Pocket PC, Palm, and even DOS. Define device-specific profiles once, and Avalanche handles repetitive updates for both local and remote devices. Features include:

- Manages on-site devices over the WLAN
- Manages remote devices using any WAN link
- Single, central console to check and deploy settings
- Profiles for firmware, utilities, drivers, software, etc.

Track Mobile Assets

Avalanche provides real-time visibility into the status of all managed mobile devices.

An inventory allows quick reporting on which devices are up-to-date, and the last network connect time. Benefits include:

- Saves time from manual reporting on status
- Tracks devices status and connection
- Export information to asset management applications

Maximize Uptime and Productivity

Avalanche helps keep mobile devices in active use, despite ongoing updates, upgrades and other frequent maintenance activities – eliminating the need to take the device out of service for updating. The tool automatically downloads new information directly to each managed device as it connects to the network.

- Works with docking stations, cradles, serial connections
- Reduced device downtime
- Replacement devices up and running quickly

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1. IT Admin creates multiple Odyssey security profiles via Avalanche console and specifies targeted mobile devices for distribution.

2. Avalanche server distributes profiles to targeted mobile devices and tracks receipt by Avalanche client software.

3. Avalanche client software passes security profiles to Odyssey Client.

4. Mobile device user selects appropriate security profile depending on where WLAN access is desired.
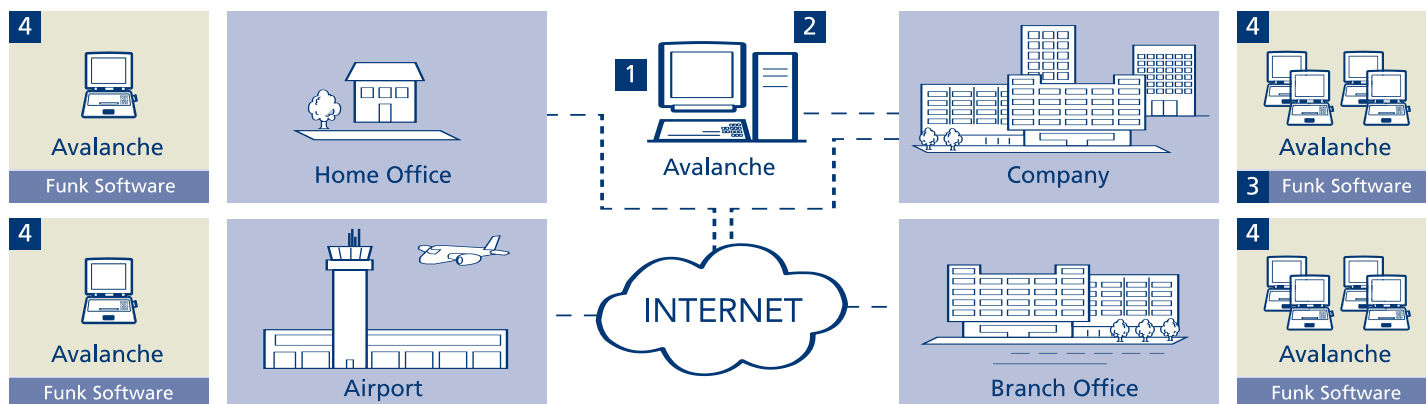
Note: Other functions available to IT administrator include:
- edit existing Odyssey Client profile
- delete Odyssey Client profile
- update version of Odyssey Client
- update version of Avalanche client software

Wavelink Avalanche Specifications

KEY FEATURE	CAPABILITIES AND BENEFITS
Centralized Management	Manage all aspects of mobile devices from a single console. Administer all functions, such as software distribution and configuring network and device parameters from Avalanche's intuitive user interface.
Flexible Software Distribution	Avalanche provides fine-grained control to create and distribute software to targeted mobile devices. Software can be easily distributed as individual or collections of applications, firmware, or files, and can be scheduled on a recurring basis or a specific date and time. Use device selection criteria such as, device manufacturer, model, OS, location or group, and others, to control the distribution of software to selected devices.
Profile Based Configuration	Define all key network and wireless security parameters to ensure that your mobile devices are properly configured to access the network. Parameters include SSID, WEP, EAP, LEAP and TCP/IP settings.
Bandwidth Management	Avalanche can schedule updates to avoid peak periods of network activity and allows you to specify the maximum number of devices to be updated simultaneously to prevent management traffic from clogging the network.
Push/Pull Mode Software Updates	Updates can be triggered either by the Avalanche Manager or by the mobile device. Push Mode allows you to schedule updates at convenient times such as off-peak hours, and Pull Mode allows for updates triggered by the device end-user as needed.
Checkpoint / Restart	Eliminate unnecessary traffic while performing software updates. Avalanche only downloads the components that have changed on the device. Also, in case a transfer is interrupted, the next time the device connects, only the remaining files will be downloaded.
Device GUI Lockdown	To minimize support costs, the administrator can control what applications to which the user has access on the mobile device. Avalanche allows you to hide the Start Menu on Windows CE devices and define a list of applications to which the user has access.
Text Messaging	Send text messages to specific mobile devices for instant communication with end users.

CUT COSTS AND BOOST PRODUCTIVITY

Many aspects of Avalanche reduce the administrative effort required to manage and support your mobile devices. Other functions help boost mobile-user productivity by enhancing network reliability. This table (left) summarizes the essential features, capabilities and benefits.

ACCOMMODATE PRESENT AND FUTURE DEVICES

With Avalanche, you can handle today's mobile devices while leaving room for growth and incorporating the ability to respond quickly to unexpected changes. We support a wide range of leading and legacy mobile devices, laptops and operating systems: Symbol, Fujitsu, Intermec, HP/Compaq, PSC; Windows, Windows Pocket PC, Windows CE, PalmOS and DOS.

SYSTEM REQUIREMENTS

Administrative Console	Deployed Services (Agents)
Pentium III, 550 MHz	Pentium III, 550 MHz
256 MB RAM	256 MB RAM
(512 MB RAM recommended)	(512 MB RAM recommended)
200 MB Disk Space	200 MB Disk Space
Windows 2000 SP2 or greater	Windows 2000 SP2 or greater
Windows XP	Windows XP

NOTE: Disk space requirements do not account for additional disk space required for specific applications and firmware that will be loaded on the mobile devices.