

Avalanche MC

Manage and control your wireless ecosystem with Wavelink Avalanche Mobility Center

Avalanche Mobility Center™ (MC) 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. Avalanche MC™ 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 devices and infrastructure. When the optional Avalanche CE Secure™ plug-in (extends device and data protection) and the optional Avalanche Remote Control™ plug-in (remote troubleshooting) are layered, Wavelink® provides the most comprehensive solution set available in a wireless management system today.




wavelink®



Comprehensive management solution for the wireless enterprise

Independent, full-featured support for devices from many vendors

Avalanche MC offers you a way to escape the limitations of vendor-specific management systems by providing broad support for devices from many vendors. This includes everything from legacy DOS-based devices, to wireless printers, barcode scanners and RFID readers. Additionally, all types of handheld mobile computers, access points, wireless switches, Ethernet-to-Wifi converters, flight data recorders, time clocks and other embedded OS devices are included.

Simple, efficient provisioning out of the box

Avalanche MC saves you time and money by making it easy to manage devices. Preloaded on devices from a growing list of manufacturers, the Avalanche Enabler can automatically find the Avalanche MC system, eliminating the need for administrators to carry out extensive device discovery efforts. Avalanche MC can streamline batch provisioning with the Scan-to-Configure feature that allows configuration parameters to be set using scanned, secure barcodes. Avalanche MC also makes extensive use of Profiles and Groups, which allows administrators to predefine configuration details that can be automatically applied to new devices meeting specified criteria, rather than provisioning each device individually as it is added.

Centralized management console for your entire wireless ecosystem

Avalanche MC alleviates the burden of having multiple systems from different vendors to manage your wireless assets. With Avalanche MC, you can manage all your devices, including infrastructure (switches and APs), regardless of vendor or type from a unified console.

Ensure security across your network

Between constant threats to security, and increasingly stringent compliance requirements such as PCI and Sarbanes Oxley, today's businesses need Avalanche MC to help manage security and provide oversight across the wireless ecosystem. Avalanche MC lets you set, and continually enforce, wireless network and security configurations using powerful profiles that apply policies based on defined criteria. Utilizing the Avalanche CE Secure™ plug-in, you gain support for client-side certificates and device lockdown rules. To prevent unwanted intrusions, Avalanche MC detects foreign and rogue access points and client devices, while offering centralized access to control lists for infrastructure and role-based user access to the console.

Monitor and maintain remote devices

Avalanche MC gives you the needed visibility into wireless network conditions so you can easily manage and respond effectively. Avalanche generates customizable alerts that are displayed in the console or sent to e-mail servers, pagers and external systems such as Tivoli®, HP OpenView™, or CA Unicenter®. Avalanche MC provides an array of pre-configured reports and a feature for customizing your own reports to get you the information you need. To help you manage remote devices, Avalanche MC uses profiles that control what software and files are pushed to the device and what applications are allowed to run. It also gives you remote control capabilities that extend to the keyboard, registry and file system using the Avalanche Remote Control™ plug-in.

Designed for the enterprise

Avalanche MC is an enterprise-strength application suite that can expand and adapt to your organization's needs. Whether you have just a few locations, or hundreds, Avalanche MC has a scalable, distributed architecture that allows you to deploy servers in a way that works for your environment. Avalanche MC includes an enterprise class database or can integrate with your existing SQL Server implementation. Avalanche also integrates with Active Directory to simplify user authentication and permissioning.

Whether you need to manage ten devices, or tens of thousands of wireless devices, Avalanche MC can provide a unified management system that will grow with you and your organization.



A solution that is reliable, easy-to-use, and innovative

Flexible, hybrid architecture

The architecture of Avalanche MC minimizes LAN or WAN overhead and optimizes network resources. Services may be centralized, or located at the managed remote locations to suit the network topology. Client devices adjust automatically to the available bandwidth.

Advanced security features

Avalanche MC supports a full range of wireless encryption and authentication protocols, including WEP (Key Rotation), WPA with TKIP, WPA2 with AES-CCMP, and 802.1x based EAP types such as LEAP, PEAPv0, PEAPv1, EAP-TTLS and EAP-TLS.

Profile-based configuration

Easily create global templates that define network and configuration settings and apply them to groups of devices based on specified criteria.

Proactive mobile device data protection

With the Avalanche CE Secure plug-in, enhance device and data protection even when away from the network. Employ encryption or destruction policies for files and directories when a device is vulnerable.

Comprehensive troubleshooting tools

Constantly monitor your wireless enterprise and proactively remedy many common problems without administrator intervention. You have the ability to further diagnose and remedy less common problems with the Avalanche Remote Control plug-in.

Advanced task scheduler

Automates configuration and software package deployment, firmware distribution and other tasks to manage a large, distributed wireless LAN.

Automatic alert notification

Instantly be alerted to critical events by setting alert profiles to notify you about network resource failures, security threats or other important events. Notifications can be routed via e-mail or pager and forwarded to other enterprise network management systems such as Tivoli, HP OpenView or CA Unicenter.

Advanced statistics and reporting

Access a full range of predefined and customizable reports to help optimize network performance and respond to audit requirements. Included reports cover network and mobile device activity, as well as installed software, asset/inventory information and current configuration of individual devices.

Legacy support for devices

Avalanche MC supports mobile devices from major vendors across the following platforms: DOS, PalmOS, CE3, CE4, CE5, CE6, PocketPC 2002/2003, Windows® 2000/XP and Windows Mobile®. Wavelink also adds new device/firmware support with each new release.



Take your enterprise further with flexible integration options

No other company can provide you with the flexibility and breadth of enterprise integration options as Avalanche MC. Add the power of Avalanche Remote Control and Avalanche CE Secure to extend the flexibility of Avalanche MC, or add Wavelink Terminal Emulation™ with Wavelink Speakeasy™ technology and the Wavelink Industrial Browser™ to create a fully integrated wireless ecosystem. It is easy to install, configure and control the usage of these and other Wavelink plug-ins with Avalanche MC.

Avalanche Remote Control

With the Avalanche Remote Control plug-in, an administrator can remotely diagnose and remedy both applications and device settings, or simply provide assisted guidance for an end-user. Combined, these features reduce your mobile device downtime and increase your end-user productivity.

Avalanche CE Secure

The Avalanche CE Secure plug-in provides advanced user authentication and security on Windows CE™ mobile devices. With Avalanche CE Secure, administrators can reduce the risk that a lost or stolen mobile device will be used to compromise an organization's critical systems.

Wavelink Terminal Emulation

Wavelink Terminal Emulation is the industry leading emulation client in use on more than 2,500,000 mobile devices worldwide. It 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 Speakeasy

Incorporate voice functionality through Wavelink Speakeasy, a plug-in for Wavelink Terminal Emulation. Speakeasy is a simple solution that enables voice interaction with host-based legacy applications without requiring 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.

Wavelink Industrial Browser

With Wavelink Industrial Browser, you can add new Web-based applications, while maintaining existing host-based terminal emulation applications, rather than replacing the legacy application. This saves you money and greatly reduces the need for training. Our Industrial Browser provides you with a practical Web browser with integrated support for barcode, Voice and RFID technologies.

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.

Wavelink Corporation

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