Overview
MobileView provides a simple, yet powerful means of tracking the location, status and condition of assets and people. The Web-based software platform has a full range of visualization, reporting, management and automated alerting options, as well as the ability to deliver context-aware visibility data to a variety of third-party applications. MobileView unifies asset visibility data from many sources, such as AeroScout’s Wi-Fi Tags, Wi-Fi clients, Passive RFID, GPS and sensors, and turns this data into automated business processes – delivering a scalable, enterprise-proven software solution.

Key Features

Unified Asset Visibility
Integration with numerous location data sources (e.g., Active RFID, Passive RFID, sensors, GPS) lets users apply a single, consistent set of rules to all of their enterprise-wide location and status data.

Intuitive Asset Visualization
AeroScout MobileView includes an easy-to-use, Web-based tool for finding and viewing asset location, status and condition information in real-time, or as a historical trail. Users can access this information from standard Web browsers as well as handheld devices.

Automated Business Processes
Easily create sophisticated, rules-based events and alerts triggered by asset location, status and condition to automate and improve everyday processes.

Advanced Reporting Functions
Query, export, automate and print built-in and custom reports, detailing asset inventory, utilization, historical location and others.

Flexible, Standards-based Development Platform
AeroScout MobileView acts as both an end user application and a visibility platform, with a sophisticated modular design and an open API for developers to build and integrate their own industry solutions. MobileView’s SOAP API communicates bi-directionally with a wide range of third-party applications, delivering visibility data wherever you need it most.

Enterprise Grade Platform
MobileView is designed to support tens of thousands of assets through a modular and scalable architecture with high availability and clustering capabilities. MobileView can centrally manage dozens of distributed sites and supports enterprise databases.

AeroScout MobileView Highlights
- Collect and aggregate location, status and condition data from any sensor, location source or auto-ID source
- Easily access and intuitively view visibility data from Web browsers and handheld devices
- Use enterprise visibility data to streamline business processes
- Track tens of thousands of mobile assets in real time
- Configure and send automated alerts based on context
- Create and export sophisticated reports
- Manage resources, assets and zones
- Integrate with any third-party application
- Create customized industry applications
MobileView Modules

Asset Locator
- Single-button search or search using multiple criteria on a Web-based PC, handheld device or VOIP phone
- View maps with assets in motion, historical trails, and tooltips with additional asset data (e.g., status and alerts)
- 3D views of entire facilities show summary of asset and alert information at both building and floor levels

Event & Alert Manager
- Trigger configurable event types – entrance / exit, overflow / shortage, dwell / absence, temperature threshold, motion, par level, tag battery level, and more
- Wizard-based event creation tool
- External alerts to Web Services, email, http post, JMS queue, phones, pagers and XML
- Enterprise-grade Complex Event Processing (CEP) technology capable of processing tens of thousands of events simultaneously

Reports
- Out-of-the-box scheduled and on-demand reports (e.g., utilization, inventory, par levels, temperature trending)
- Tabular or graphical report views
- Built-in tools for new report type creation

Management Tools
- Easily populate and store intelligence about assets and physical locations, including categorization, icons, images and named zones
- Drawing tools and zone creation wizard for logical zoning
- Single sign-on and authentication through LDAP and Active Directory integration
- Role-based access control model for securing permissions

MobileView Gateways
MobileView integrates visibility data from a wide variety of sources, unifying all of an enterprise’s sources of asset location, status and condition information. MobileView accepts and acts upon the following types of information:
- Real-Time Location (RTLS) of Wi-Fi Tags and Wi-Fi clients
- Choke-point identification and room separation, utilizing AeroScout Exciters
- GPS location data, communicated over Wi-Fi by AeroScout Wi-Fi GPS Tags
- Passive RFID (EPC standard)
- Ultra-wideband (UWB)
- Telemetry data, communicated over Wi-Fi by AeroScout Wi-Fi Tags
- Sensor data, communicated over Wi-Fi by AeroScout Wi-Fi Sensor Tags

Industry Application Modules
- Built-in modules for specific industry applications (e.g., Temperature Monitoring for Healthcare)
- Open API for developing modular applications to meet specific needs

Integration
- Open SOAP API and out-of-the-box adapters for integration with third-party applications
- Asset Locator map view integration triggers an asset (or group of assets) search in MobileView’s Asset Locator via a third-party application

System Requirements

MobileView Server
- Operating system: Microsoft Windows Server 2003
- Database: Oracle 10G, Microsoft SQL 2005
- Memory: 4GB RAM (minimum)
- CPU: dual core (2.8GHz minimum)

MobileView Handheld Edition
- Windows CE, Windows Mobile Pocket PC version 5

Ordering Information
For ordering and pricing information contact AeroScout at info@aeroscout.com and refer to AeroScout MobileView (MV-4000).

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ASMV – 032409