STANLEY Healthcare

MobileView®5

Most Advanced Software Platform for
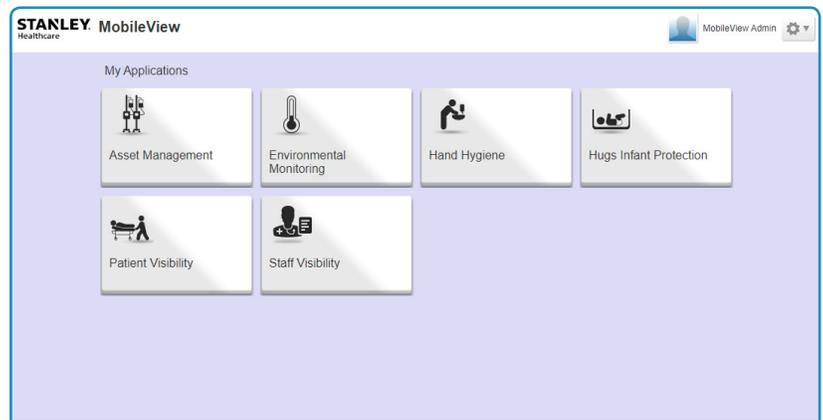Unified Asset Visibility Management

MobileView

Product Highlights

- Complete out-of-the-box applications suitable for a variety of healthcare services
- Enhanced user experience
- Easily access and intuitively view visibility data from Web browsers
- Track tens of thousands of mobile assets in real time
- Create and export sophisticated reports
- Flexible API allowing integrations to 3rd party vendors
- Create customized healthcare facility-specific dashboards for the Tableau-powered MobileView Analytics Server
- Full functionality supports over-the-air Wi-Fi firmware and configuration updates for bi-directional Tags
- Integrates with MobileView Analytics

Description

STANLEY Healthcare MobileView® 5 is a Real-Time Asset Visibility Platform that provides a simple, yet powerful means to track the location, status and condition of assets and people. The Web-based software platform contains a full range of applications with visualization, reporting, management and automated alert-generating options. MobileView 5 can also deliver context-aware visibility data to a variety of third-party applications. MobileView unifies asset visibility data from many sources, such as AeroScout® Wi-Fi Tags, Wi-Fi clients, Passive RFID, GPS and sensors.

Key Features

Unified Asset Visibility

Integrate numerous location data sources (e.g., Active RFID, Passive RFID, sensors, GPS); apply a single, consistent set of rules to all enterprise-wide location and status data.

Intuitive Asset Visualization

MobileView includes an easy-to-use, Web-based tool to find and view asset location, status and condition information in real-time or as an historical trail. Access this information from standard Web browsers as well as handheld devices and smart phones.

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 more.

Complete Applications and Solutions

MobileView's application suite is suitable for a wide variety of healthcare use cases. Applications include Patient Visibility, Hand Hygiene, Hugs infant protection, Temperature and Humidity Monitoring, Inventory Management, Asset Utilization, Par Level Management, Staff Protection and more.

Flexible, Standards-based Development Platform

MobileView is both an end-user application and visibility platform, with a sophisticated modular design and an open API for developers to build and integrate their own healthcare industry solutions. MobileView's SOAP (Simple Object Oriented Protocol) API communicates bi-directionally with many third-party applications, delivering visibility data wherever you need it most.

Enterprise Grade Platform

MobileView supports tens of thousands of assets through a modular and scalable architecture, with high availability and clustering capabilities. MobileView centrally manages dozens of distributed sites and supports enterprise databases.

MobileView Modules

Asset Locator

- Simple single-button search or multiple criteria search on a Web-based PC, handheld device or smartphone

- View maps with assets in motion, historical trails, and tooltips with additional asset data (e.g., status and alerts). 3D views of the entire facility show asset and alert information summaries at both building and floor levels.

- Easy to configure and save favorite search queries for quick recall

Event and Alert Manager

- Trigger configurable event types – entrance / exit, overflow storage, dwell / absence, temperature, humidity, motion, par level, tag battery level, and more.

- Wizard-based event creation tool requires no coding

- External alerts sent 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 (Lightweight Directory Access Protocol) and Active Directory integration

- Role-based access control model for added permission security

- Integrated monitoring tool that provides notifications on system health via email directly to STANLEY or to recipients within the hospital

MobileView Gateways

MobileView integrates visibility data from many sources, unifying an enterprise's asset location, status and condition information sources. MobileView accepts and acts upon the following types of information:

- Real-Time Location (RTLS) of Wi-Fi Tags and Wi-Fi clients
- 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
- Sensor data, communicated over Wi-Fi by AeroScout Wi-Fi Sensor Tags
- Ultrasound location data

Integration

- Open SOAP API and out-of-the-box adapters for integration with third-party applications (e.g., ERP, Asset Management systems, Security systems, OR and ED management systems, Medical Device management systems)
- Integrated Asset Locator map view triggers asset (and asset group) search in MobileView's Asset Locator via a third-party application. Accessing MobileView tools from other applications is seamless.
- MobileView 5 supports Mobile Instant Notifier for iOS as well as Mobile Asset Locator for iOS

MobileView Analytics and Data Warehouse

- MobileView Analytics revolutionizes facility operational data (location, events and status as well as asset and person properties) by transforming information into actionable insight – unlocking the power of MobileView's RTLS data
- MobileView Analytics is powered by Tableau – the data visualization industry leader – and offers a comprehensive solution for flexible but simple-to-develop analytics

Support for Bi-directional Tags

- MobileView 5 supports T12, T14 and T15 family bi-directional Tags. MobileView manages firmware and configuration updates. Updating tags via the Wi-Fi network eliminates the need to 'gather in' tags to perform on-site tag upgrades and configuration changes.

Applications

New Application Framework

Each MobileView application is installed and licensed separately. Asset categories and Event types are assigned to specific applications.

Asset Management

Asset Management automates the current manual processes that most healthcare facilities have for managing their capital and rental equipment. Mobile equipment (e.g., infusion pumps, defibrillators, portable X-Ray equipment, beds, and wheelchairs) are tagged with AeroScout® Wi-Fi Tags. The tags periodically (every few seconds or minutes) report their location over the Wi-Fi network. Wi-Fi access points receive the tag signals which are then collected by a location engine. This information is then used to determine the location of the tag. This allows hospitals to improve asset utilization and purchase, increase staff efficiency by reducing search times, theft and loss reduction, and improved equipment availability.

Environmental Monitoring

This solution automates environmental monitoring of critical perishables such as blood, drugs, vaccines, food, and tissue samples by providing real-time information on temperature, and immediate alerting when out-of-range conditions exists. The solution can also be used in data centers and network closets where sensitive electronic equipment is monitored, or in blanket warmers and food delivery carts. In addition, Environmental Monitoring enables humidity monitoring of patient, storage, and operating rooms.

Hugs® Infant Protection

A nurse-driven technology designed to prevent infant abduction from hospitals. Infants registered in Hugs are continually monitored in MobileView.

Hugs protects exits, automatically admits new infants, and issues alerts when tags are silent for more than 20 seconds. Infant tags are tamper-resistant and also issue a signal when a tag band is too loose.

Hugs requires installing a dedicated license on MobileView.

Patient Visibility

Proactive real-time patient and staff monitoring for managers improves operational efficiency of daily activities.

The dedicated Home screen provides a Unit Map view showing rooms, patients and statuses in addition to a Lists view display. Dedicated Locator, Reports and Alerts modules are also available.

A powerful management dashboard provides visibility into department activities and patient-staff interaction statistics, highlighting gaps and enabling improved workflows.

Patient Visibility requires a separate license and installation.

Hand Hygiene Compliance Monitoring

Hand Hygiene provides a revolutionary way for healthcare facilities to monitor the hand hygiene policy compliance of staff members.

The system detects, records, and reports Hand Hygiene events and monitors and reports compliance with patient contact.

Hand Hygiene has a dedicated locator alerts and reports module.

Hand Hygiene Compliance Monitoring analytics dashboards are also available (requires installation of MobileView Analytics Server).

MyCall® Staff Protection

The Staff Protection solution utilizes the Staff Visibility application to provide real-time location and status information of staff members.

The dedicated Home screen provides site-wide visibility of staff, displays real-time alerts, enables fast admission for new staff members, allows tag swapping, identifies tags that need battery replacement, and viewing of dedicated reports.

The application also includes a tag Test Station (license required) which is used by staff to check the status of their tags, such as battery levels, at the beginning of a shift.

Certain Staff Visibility features are license dependent. Basic Staff Visibility features are granted when any other MobileView application is licensed.

Minimum System Requirements

Operating System	• Windows Server 2019 (Data Center and Standard) • Windows Server 2016 (Data Center and Standard) • Windows Server 2012 R2 64 bit (Standard Edition) • Windows Server 2012 64 bit (Standard Edition)
VMware (only applicable if using a virtual environment)	**VMware ESX server:** • Version 4.1.x • Version 5.1.x • Version 5.5.x • Version 6.0.x • Version 6.5.x • Version 6.7.x **Important note about VMware installation:** MobileView Server can run in a virtual environment. We do not recommend, however, using virtual machines as large database servers due to potential performance degradation. Small and Medium environments can run the DB in a VM environment.
Database	MS SQL Server: 2012, 2014, 2016*, 2017, 2019 (Standard and Enterprise Editions) *SP2 and above*
Memory	Minimum 12 - 26 GB RAM (based on deployment)
CPU	Minimum 2.4 GHz dual core - 8 cores (Extra large deployments)
Internet browser	Microsoft Internet Explorer: 11.0.x and above Google Chrome: 74.0.3729.169 (64-bit) and above

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Over 15,000 hospitals and senior living communities rely on STANLEY Healthcare solutions to empower caregivers to deliver better care. STANLEY Healthcare is a part of Stanley Black & Decker and a proud supporter of the Alzheimer's Association®. Learn more at **www.stanleyhealthcare.com**.

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