



**awarepoint®**  
Location as a Service

# TURN HIGHLY ACCURATE LOCATION INFORMATION INTO ACTIONABLE DATA

## Cloud-hosted software for better workflows, lower costs and increased efficiencies

### Cloud-hosted Software: awareHealth

For many healthcare organizations, the inefficiencies associated with asset management are a significant drain on resources – with onsite staff spending as much as a third of their time searching for equipment – and can cost millions of dollars each year. For this reason, a growing number of healthcare organizations are using real-time location systems (RTLS) to improve their workflows, increase efficiencies, and reduce costs.

The Awarepoint approach to RTLS uses an intuitive, secure, cloud-hosted software, called awareHealth, to provide a comprehensive service. Using awareHealth, onsite staff have real-time visibility into the location of assets and people, can easily generate historical reports, and can also view real-time information about temperature and humidity, to ensure proper storage and handling of perishables. The cloud-hosted software eliminates the need for complex installations, supports rapid scaling, and integrates quickly with other applications. The detailed historical reporting provides additional insight into workflow efficiencies, and enables continuous improvement using tools for data analytics.

### Improved Asset Management = Better Workflows

The awareHealth software tracks, maps, and reports the location and status of mobile assets and rentals in real time, so there are fewer delays. Communication hand-offs are smoother, coordination is simpler, and assets are used more efficiently. Equipment losses are lower, and there's an overall decrease in capital and rental expenditures. The par levels of equipment can be optimized throughout the facility, and maintenance schedules for onsite equipment can be coordinated and streamlined, for added operational efficiencies. The software ensures rapid compliance with any product recalls, and can help reduce the spread of infections by tracking equipment sterilization.

### Environmental Monitoring = Lower Costs

The awareHealth software automatically records temperature readings every five minutes for stationary and mobile devices, and records real-time humidity readings, received at regular intervals from environmental tags placed in desired locations. There are various dashboards and reports for viewing the temperature and humidity history, and the software can send alerts whenever readings exceed predetermined thresholds. Manual logging becomes a thing of the past, there are fewer recording errors, and staff have more time.

### Full Analytics, Reporting, and Compliance

Detailed analytics and configurable reports provide comprehensive insight into overall operations and make it easier to identify trends, optimize business processes, and conform to regulatory requirements. There are extensive options for business analytics, federated reporting, predictive analytics, and quarterly reviews.

The system can escalate any alerts not addressed within a pre-set time period, and can document corrective actions. The system also remains compliant even during network outages, storing up to 96 hours of tag data which then uploads to the network when connectivity is restored.

Users of the awareHealth software have seen 50% decreases in equipment loss and as much as 75% savings in rental equipment costs.

APPLICATION PLANS	Standard Plan	Plus Plan	Environmental Monitoring Plan	Business Analytics Plan
	Locate and map capital and rental assets, generate reports, and manage equipment par levels	Provide visibility into workflows and use a complete set of APIs to integrate with third-party applications	Monitor critical temperature and humidity levels, receive alerts, and ensure compliance	Provide comprehensive insight into your operations and identify trends to help optimize your business
Asset Search	●	●	●	
Asset Management	●	●	●	
Alerts & Notifications	●	●	●	
Reports	●	●	●	
Inventory Management	●	●	●	
Mobility - Rapid Room Entry		●	●	
Standard API/SDK		●	●	
Patient Locate & Staff Locate		●	●	
Temperature and Humidity Monitoring			●	
Business Analytics				●

## Exceptional User Experience

The awareHealth user interface supports the same kinds of intuitive interactions associated with professionally designed desktop applications, but with web features that make it even easier to use. The adaptive GUI uses a standards-based, cross-browser, cross-platform format that automatically scales from mobile devices to laptops, desktops, and even large wall-mounted screens. The software can be managed centrally, for higher availability, easier updates, lower IT burden, and ubiquitous access. Awarepoint guides all development of the awareHealth software and provides ongoing enhancements with regular upgrades and new features.

## Easy Integration

The awareHealth software uses a component-based architecture that can be scaled in many different ways to achieve optimal performance and functionality. A complete set of application programming interfaces (APIs) supports easy integration with third-party systems, including EMRs and nurse-call systems, to enhance the awareHealth service offering. The standards-based APIs follow the Representational State Transfer (REST) architecture style, for quick implementation and easy web-based scaling.

## Real-Time Mobile Apps

The awareHealth software is designed to work with mobile devices, so onsite staff can use smartphones, tablets, and other mobile devices to interact with the system. The software also supports use of mobile devices as BLE/Wi-Fi tags, so a registered mobile device can be tracked and viewed in the system. Using awareHealth's mobile location engine and API/Software Developer Kit (SDK) provides the ability to define use cases that require a location latency of less than two seconds.

## The Awarepoint Advantage

Awarepoint combines superior managed RTLS technology with software that drives proactive workflow improvements, backed by professional services including up-front impact analysis, outcomes-based implementation, and ongoing managed services to drive significant benefits across the organization.

## Next Steps

To learn more about the awareHealth software platform and Awarepoint's vision for the future of healthcare, visit [www.awarepoint.com](http://www.awarepoint.com).

## The awareHealth Software Lets You Do More

- Integrate with third party systems
- Authenticate users and provide group membership and access levels
- Interpret movement data for colocation
- Store, retrieve, and update all data relating to assets, patients, staff
- Manage alerts and notifications
- Support workflows with database actions, messages, events
- Locate assets, patients, staff
- Log and report errors for troubleshooting and ongoing maintenance