Building Intelligence for Action.

Periscope™

Owners

For energy and sustainability conscious owners and managers, Periscope is an intuitive tool to enable comparisons between campuses, buildings and departments. Using Periscope's Ranking Chart Viewlet, assessments can be made to foster improved energy awareness.

Energy Managers

For energy managers, Periscope offers real-time and historical data viewlets which allow for immediate identification of "energy anomalies" including after-hours runtime, set point overrides and adjustments via the automation system and demand side management opportunities. Visualize patterns in building IoT data.

Integrators

For systems integrators, Periscope can save time as a flexible Graphical User Interface (GUI) by integrating equipment views, expediting standard charting and KPI analyses and exporting ENERGY STAR metrics.

Administrators

For administrators or energy managers, Periscope enables the user to visualize locations that are deviating from their historical performance or operating outside the norm for similar structures. Periscope can also provide timely tracking of savings enhanced as a result of investment in conservation or capital projects.

Overview

Periscope™ by Activelogix is a configurable, browser-based Internet of Things (IoT) application that enables identification of real-time data and historical trends in the rapidly changing environments of multi-facility operations. Periscope provides the opportunity for users to quickly identify issues, assess relationships, and take action in order to optimize energy efficiency and sustainability initiatives by reducing volumes of data from disparate systems into visual knowledge. With Periscope, entities can analyze and act on IoT data from multiple sites.

Built by you, for you, wherever you are – The responsive HTML5 architecture allows a smooth viewing transition from mobile to desktop device.
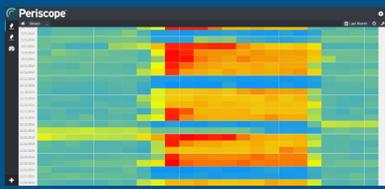
Configurable Views

Periscope is the answer to end user requests for a more dynamically configurable way to view facility, energy, and sustainability information in their enterprise. Due to a wide range of potential users, from the highly technical to the non-technical, Periscope was designed to provide each user with their own unique view. Each view can easily be set up and modified from a growing library of "viewlets" by any user without affecting any other users' preferences and settings. Common views can be shared amongst users.

HTML 5 Support

Periscope can now be accessed on any mobile device that supports HTML5, including iOS and Android. The HTML5 based architecture allows Periscope views to scale appropriately across multiple platforms, giving users common functionality, whether analyzing at a server or diagnosing at the equipment.

powered by

niagara4 framework

activelogix

Heat Map View – The heat map provides a unique hourly spectrum of any trend. Using this view, one can quickly identify the quantity and time period of anomalies and visualize trends across data.

Connectivity

Periscope is designed to run as a module on a Niagara4 station and utilizes the trusted Niagara licensing and security model. The Periscope service is then accessible to all end users through a standard browser interface, such as Internet Explorer, Firefox, Safari, and Chrome.

Periscope integrates real-time and historical data available from most traditional Building Automation Systems via a number of protocols including: BACNet, LON, Modbus, Niagara, etc. Periscope now runs on Project-Haystack. Haystack is an open source initiative to streamline working with data from the Internet of Things. Standardizing on this semantic data model and webservices allows for Periscope to make assumptions about data and unlock value in facilities through analytical rules.
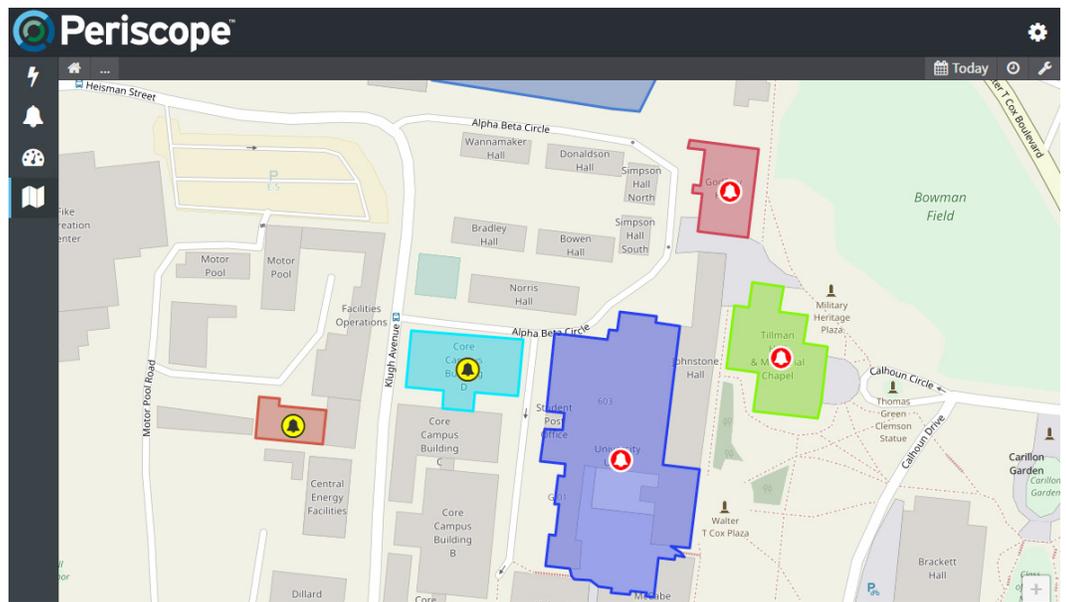
About Activelogix

Activelogix LLC is a leading provider of Internet-based enterprise automation solutions for Building Intelligence. By utilizing design services, consulting, custom applications and technologies, Activelogix supports the management and optimization of intelligent, sustainable, and secure facilities in a multi-vendor, cross-platform environment. Our software and hardware solutions are distributed through a growing channel of national accounts, systems integrators and original equipment manufacturers. Additional information about Activelogix and all available products and services can be found at www.activelogix.com, or by contacting Activelogix at 704-553-8510 or 1-800-670-5977.

www.activelogix.com

www.periscopedashboard.com

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New Map View navigates to key building metrics - Users can visualize building KPI's and setup new maps in minutes.

Features

- Context Sensitive Views - One of the most powerful features of Periscope is that views are context sensitive. Context means that once a view is built for an energy meter, it can be reused across other sites that also have a meter. This features saves configuration time, and creates a consistent story about how the data changes.

- Viewlet Library - A growing library of viewlets empowers users to leverage their building data with a diverse library of visualization and analytic tools.

- Map View - The map view serves as a navigational page to unique building pages or dashboards. Users can also use the map to identify building KPIs, alarm conditions, and quickly ascertain key issues existing in a building through the use of building color spectrums. The Map setup is easy, and allows end users to build new campus or geographic maps in minutes using open source technology.

- Data Normalization - Periscope provides the ability to normalize data such as energy consumption, and account for differences in square footage, etc.

- Timeline - Periscope includes the ability to initiate an animated timeline in which you can play the history of data in a viewlet (like a DVR). As a user initiates a playback, they can understand changes in the data over a period of time.

- Kiosk Mode - Operation in Kiosk Mode allows end users to highlight energy/sustainability initiatives and results and garner "grass-roots" support, while highlighting the energy initiatives of corporate and public sustainability awareness campaigns.

- Streamlined Navigation - Periscope provides efficient navigation between Sites and standard views by using a flexible Navigation Bar. The navigation bar is configurable in Settings, and can be customized to each user's preference. For instance, a sustainability director can be provided with navigation only to the unique views that matter to their office. For Integrators configuring Periscope, the software automatically installs and defaults to a hierarchy called "Periscope Site", which consists of every Haystack site defined and currently accessible by the user credentials.

Benefits

- User-Centric - Each user can create, view, and modify their own dashboard "on-the-fly" in minutes, thus enabling them to focus on current or rapidly changing conditions for their area of responsibility.

- Tag based - Periscope relies on Project-Haystack, which means any site that uses standardized tags will work out of the box with Periscope.

- Ownership - Choose between cloud-based dashboard applications or host on your server and network behind your firewall.

- Equivalency Conversions - Allows for "one-click" display of selected trends in equivalent units, such as kWh to dollars or metric tons of CO_2.

- Competition - Users can benchmark locations against one another. Engage your tenants, employees, students, etc. to actively participate in lowering their energy usage in a fun and competitive way.