



For Owners

For energy conscious owners and sustainability managers, the Periscope dashboard 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.

For Operators

For the owner/operator, Periscope offers a real-time "network status" graphical viewlet which allows for immediate color-coded visual identification of "device health" or other problem areas in the connected Niagara^{AX}® network.

For Integrators

For the systems integrator, Periscope can be used as a flexible Graphical User Interface (GUI) by integrating PX equipment views and floor plans alongside standard charts, KPI analyses, and third-party websites.

For Administrators

For the administrator or energy manager, 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.



Periscope™

Building Intelligence for Action
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Overview

Periscope™ by ActiveLogix is a configurable, browser-based dashboard application that provides 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 resource efficiencies and sustainability by reducing volumes of data from disparate systems into visual knowledge.



Built by you, for you – The dashboard can include multiple tabs, with each tab containing different numbers and types of "viewlets". The custom "on the fly" setup allows for unlimited configurations.

To Each Their Own

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

Periscope for a JACE®

For single sites or smaller footprints, Periscope will run as a stand-alone module on a JACE, eliminating the need for additional PC based or SaaS software. With all the features of the traditional Supervisor software, Periscope allows owners to start small, yet scale to the enterprise.

Viewlet Library

Periscope offers a growing library of optional viewlets that permit analysis of various types of data. Users are able to choose their preferred visualization from the library including newer charts such as the history "color grid", weather correlation, baseline comparison, and more.



Advancements – New and exciting viewlets are always in development, many of which originated from user-specific input.

Requirements

Periscope is designed to run as a module on a Niagara^{AX} 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, Mozilla Firefox, and Safari.

Periscope integrates real-time and historical data available in a Vykon[®] AX Supervisor or similar Niagara^{AX} versions from Honeywell, Johnson Controls, Siemens, etc. A built-in discovery and mapping wizard extracts only the approved point and trend data.

Periscope requires that connected AX Supervisors and JACES have oBIX (Open Building Information Xchange) enabled. In addition to Niagara data, Periscope can also access data from non-Niagara systems (such as BACnet and MODbus) as well as data from business systems and traditional databases. These data feeds enable Periscope to combine business and control data for optimal visual knowledge of your facility performance.

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Friendly – A user's setup can be configured, exported, printed, and ready for presenting in minutes, not hours.

Features/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.
- Niagara^{AX} Security Model - Utilizes proven security model, enabling maximum management flexibility with existing user credentials.
- Virtual Naming - Data mapped into Periscope can be given "friendly" (recognizable) names without impacting the underlying control database.
- Data Normalization - Provides the ability to normalize data such as energy consumption, and account for differences in square footage, etc.
- Equivalency Conversions - Allows for "one-click" display of selected trends in equivalent units, such as kWh to dollars or metric tons of CO².
- Informational Screen Tips - Customizable screen tips enable the dashboard's administrator to present Periscope's end users with clarifying information, educational tips, or other relevant information prior to displaying a viewlet in kiosk mode.
- Multi-Account Option - Periscope options now include the ability for location specific data and users to be partitioned among multiple virtual "accounts". This feature allows Periscope to be deployed across numerous divisions or entities while segregating users and their data from other operational nodes.
- Facility & Business Data - Provides integrated views of facility contribution to business profitability, such as energy cost per production unit.

- Auto Discovery Wizard - Allows users to efficiently identify and map the information from many sources, including meters, databases, or automation systems into multiple viewlets.
- Viewlet Export Options - Viewlets can be exported as an image file, or as an image within a PDF file. Their tabular data can also be exported in CSV format for instant use in reports and technical documents.
- Periscope Guest Accounts - Guest accounts permit administrators to build views for a target audience, but prevent the guest users from accidentally modifying the intended setup. This feature helps protect important configurations while "publishing" information to a large audience.
- Kiosk Mode - Simplified display of normalized data can foster "grass-roots" support, while highlighting the energy initiatives of corporate and public sustainability awareness campaigns.

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.