



The Facility Dashboard “Built for Change”

➔ Overview

Periscope™ is a configurable, web-based dashboard application that provides rapid identification of real-time and historical trends in key attributes of multi-facility operation, including energy use, operational efficiencies and critical metrics.

Capable of reducing volumes of data from disparate systems into visual knowledge, Periscope™ by Activelogix gives the user the ability to quickly identify issues, assess relationships and take action in rapidly changing environments in order to optimize resource efficiencies and sustainability.



The Dashboard - Periscope’s interface can easily be modified with a library of “viewlets” to suit the preferences of any user. The viewlets can then be configured in a variety of ways, allowing each user to create a custom-tailored display.

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 dashboard client. The dashboard can easily be set up and modified with a variety of “viewlets” by any user, without affecting other user’s preferences and settings.

➔ Owners

For energy conscious owners, the Periscope dashboard is an ideal way to enable “sustainability” contests between campuses, buildings or departments. Using Periscope’s Ranking Chart Viewlet, comparisons can be made on several levels.

➔ Operators

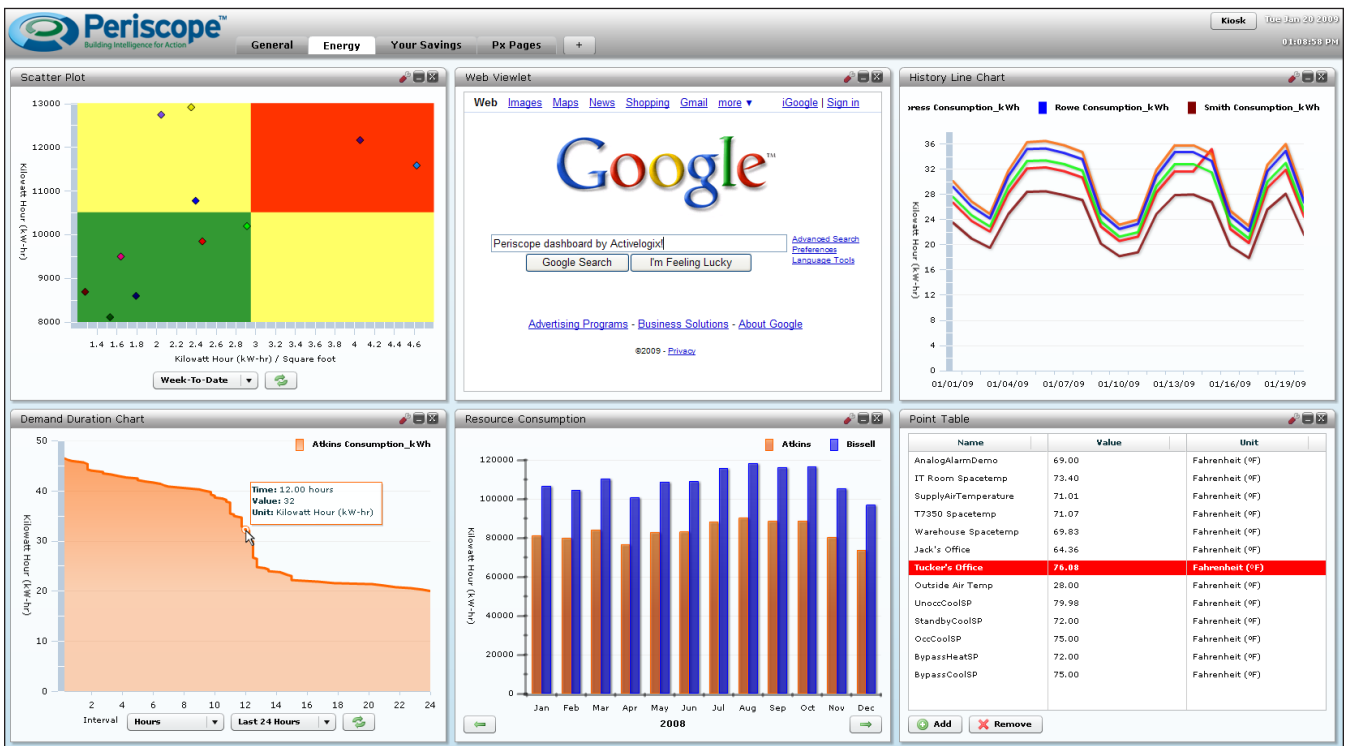
For the owner/operator, Periscope offers a real-time “network status” graphical viewlet, enabling immediate color coded visual identification of “device health” or other problem areas in the connected Niagara^{AX} network.

➔ Integrators

For the systems integrator, Periscope can be configured with a “PX” Viewlet. This enables integration of existing custom or complex Niagara PX pages on a user’s dashboard alongside other Periscope viewlets.

➔ Administrators

For the administrator or performance contractor, Periscope enables the ability to visualize ROI in capital projects over time, and also identify locations that are deviating from their historical performance or that of similar structures.



Built for Change – The dashboard can contain multiple tabs, each containing a different collection of viewlets based on user setup.

► Features & Benefits

- **User-Centric** - Each user can create, view and modify their own dashboard “on-the-fly” in minutes, enabling them to focus on current or rapidly changing conditions for their area of responsibility.
- **Auto Discovery Wizard** - Enables users to identify and map the information needed in multiple presentation viewlets.
- **Virtual Naming** - Data mapped into Periscope can be given “friendly” (recognizable) names without impact to the underlying control database.
- **Data Normalization** - Provides ability to normalize data like energy consumption, and account for differences in conditioned area (SF), degree days, etc.
- **Equivalency Conversions** - Enables “one-click” display of selected trends in equivalent units, such as kWh to dollars or metric tons of CO₂.
- **Optional Viewlets** - Periscope offers a growing library of optional viewlets for advanced

analyses, such as location ranking, performance index charts, and network health.

- **Kiosk Mode** - Fosters “grass-roots” support for campus-wide energy initiatives. Enables corporate and public sustainability awareness campaigns.
- **Facility & Business Data** - Enables integrated views of facility contribution to business profitability, such as energy cost per production unit, etc.
- **Niagara^{AX} Security Model** - provides proven security, enabling maximum management flexibility with existing user credentials.

► Requirements

Periscope is designed to run as a module on a Niagara^{AX} station and utilizes the proven Niagara licensing and security model. The Periscope service is then accessible to all end users through a standard web browser interface, such as Internet Explorer, Mozilla Firefox, Safari and others.

Periscope utilizes real-time and historical data available in a Vykon AX Supervisor or similar Niagara^{AX} versions from Honeywell, Johnson Controls, TAC, Siemens and others. Periscope has a built-in discovery and mapping wizard to extract only the necessary point and trend data.

Periscope requires that connected AX Supervisors 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.

► About Activelogix

Our software and hardware solutions are distributed through a growing channel of national accounts, systems integrators and original equipment manufacturers. Please visit our website for more information.

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