Glance™

HTML5 VISUALIZATION CLIENT FOR OPC & OSISOFT PI

New Industry-Leading Features

MOBILE

Purely Web

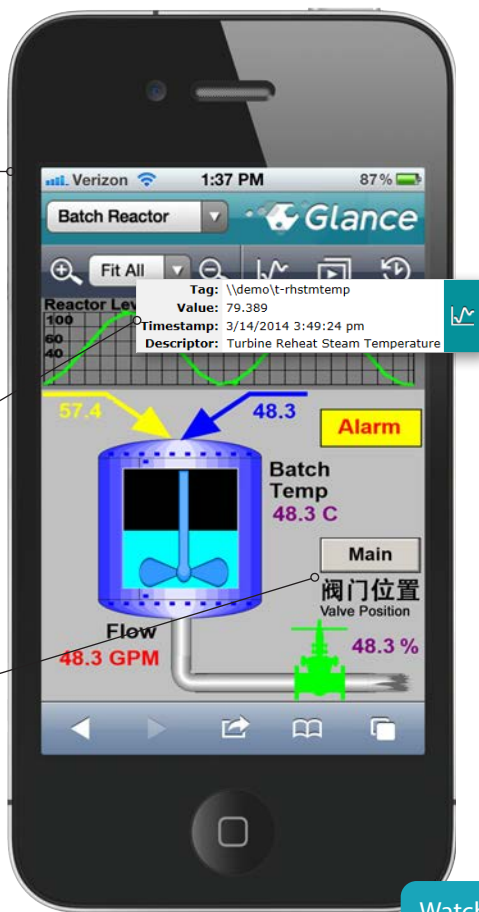Lightweight web-based client runs on all modern mobile devices and desktop browsers with **no add-ons required.** Graphical process screens update dynamically in real-time utilizing **HTML5!**

Drill Down

Tooltip values and ad-hoc trends provide a drill-down user experience. Interactive trends allow users to view trend cursors, zoom in on signals, and select any time range.

International Support

Through Unicode support, the entire Glance website can be experienced in other languages including English, French, German, Chinese, and Hindi. Users may select their preferred language, time zone, date, and number formatting.

USER FRIENDLY

- Access a live stream of updated data in fully-featured trends.

- An optimized graphical environment gives every connected user the ability to quickly view and build process displays.

- Interactive trends : zoom, expand, and pan with simple gestures.

- Provides a single cross-platform website to client workstations and mobile devices.

- View tabular data from relational databases such as SQL and OLE DB.

- Glance increases your awareness by allowing quick and easy access to your process information from existing mobile devices.

- The **Integrated Web-Based Builder** allows users to change their graphical displays on-the-fly.

Watch our videos at **http://ecg-inc.com/videos**!

Phone display:

| Verizon 1:37 PM 87% |
| Batch Reactor • Glance |
| Fit All |

Tag: \\demo\t-rhstmtemp
Value: 79.389
Timestamp: 3/14/2014 3:49:24 pm
Descriptor: Turbine Reheat Steam Temperature

Reactor Level 100 60 40

57.4   48.3   **Alarm**

Batch Temp 48.3 C

Main

阀门位置 Valve Position

Flow 48.3 GPM   48.3 %

ON THE WEB

Tailored for Your Company

Customize the look and feel of Glance to match your facility's corporate identity guidelines, including logos and color schemes.
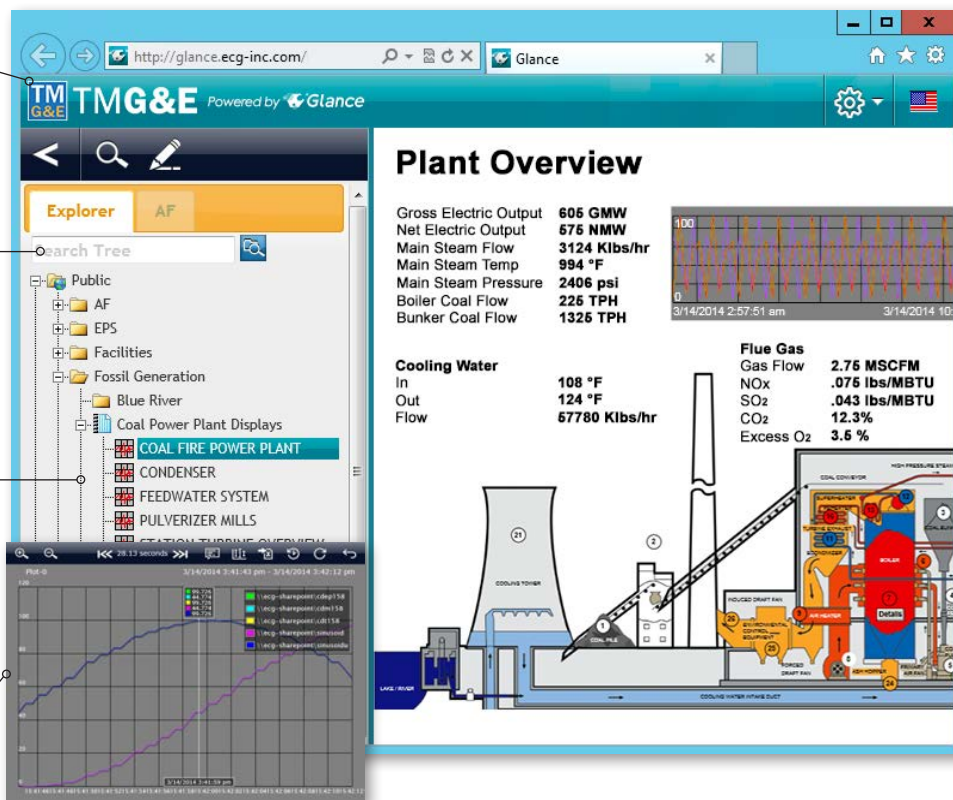
Find Your Data Fast

Advanced searching allows users to search for metadata throughout the library of real-time display files as well as perform integrated searches throughout PI Systems, PI AF databases, and OPC Servers.

Fast and Intuitive

Tree view navigation allows users to find displays within their corporate or asset hierarchy. Public Folders can be customized by department, facility, area, and more!

More Views and More Flexibility

Robust interactive trending includes zoom, time period selection, multiple scales, data export, streaming real-time data, and much more.

Browser display:

http://glance.ecg-inc.com/   Glance

TMG&E Powered by Glance

Explorer   AF

Search Tree

Public
- AF
- EPS
- Facilities
- Fossil Generation
  - Blue River
  - Coal Power Plant Displays
    - COAL FIRE POWER PLANT
    - CONDENSER
    - FEEDWATER SYSTEM
    - PULVERIZER MILLS

Plant Overview

Gross Electric Output	605 GMW
Net Electric Output	575 NMW
Main Steam Flow	3124 Klbs/hr
Main Steam Temp	994 °F
Main Steam Pressure	2406 psi
Boiler Coal Flow	225 TPH
Bunker Coal Flow	1325 TPH

3/14/2014 2:57:51 am

Cooling Water

In	108 °F
Out	124 °F
Flow	57780 Klbs/hr

Flue Gas

Gas Flow	2.75 MSCFM
NOx	.075 lbs/MBTU
SO$_2$	.043 lbs/MBTU
CO$_2$	12.3%
Excess O$_2$	3.5 %

INTEGRATED DISPLAY BUILDER

Build and View Anywhere
Use the Display Builder on any web-enabled device to create and modify real-time displays.
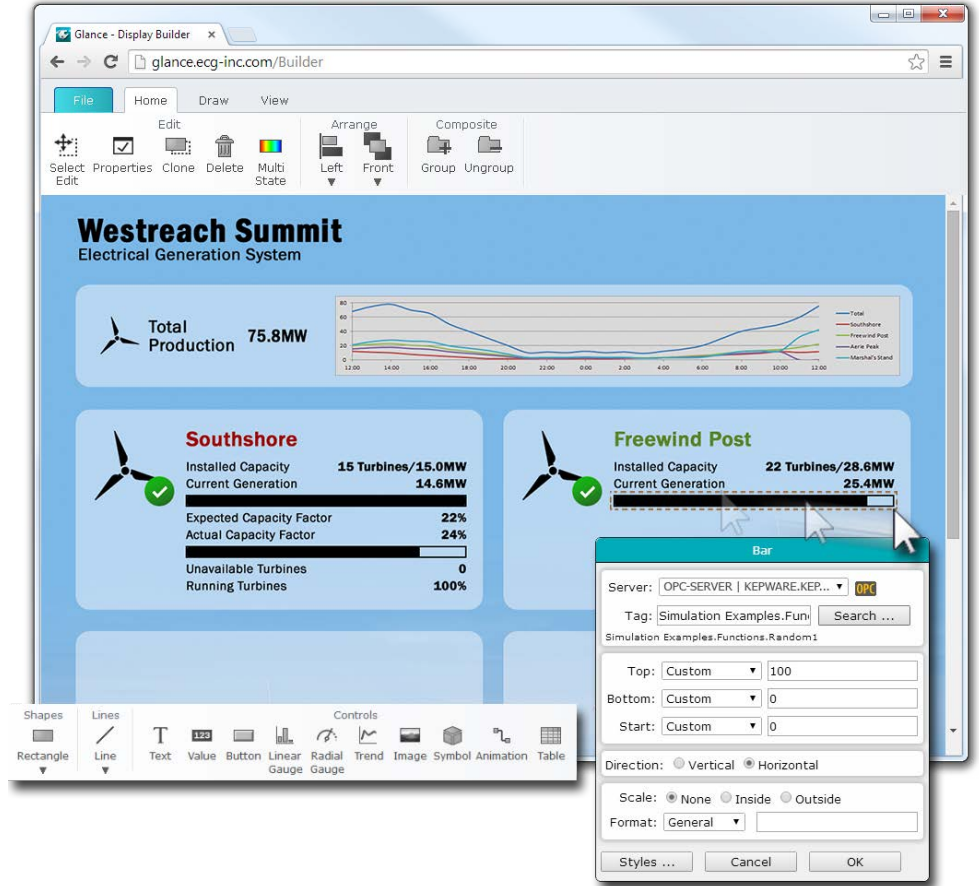
Near Native Performance
Build industrial displays in a responsive environment that performs like a native application.

Intuitive Drawing Tools
Create displays in just minutes with the Builder's simple and intuitive ribbon toolbar. The drawing tools (values, trends, gauges, etc.) are user-friendly and require minimal training.

Tabular Reporting
Build displays with tabular data from any SQL or OLE DB-enabled relational database or flat file. Configure condition-based cell highlighting on the data. View and print data from your existing systems such as Work Management, Cost Tracking, Maintenance Schedules, etc. Easily search for displays using a particular relational database or column name.
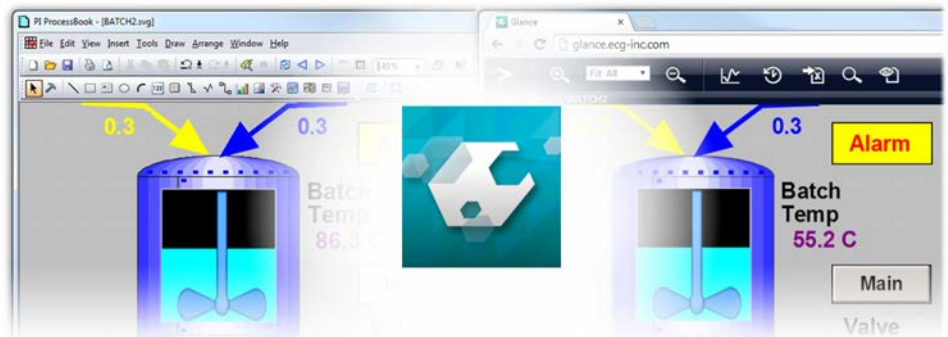

Glance's Web-Based Display Builder ▲

Project	Man-Hours	Cost	Perecent Complete	End Date
Unit 5 Periodic Outage	3000	$1,605,000	30	12/5/2016 7:45:18 am
Emission Control Upgrade	400	$81,000	17	9/21/2016 8:45:18 am
River Plant DCS Upgrade	480	$1,080,000	63	5/16/2017 8:45:18 am
Wind Turbine Overall	12000	$540,000	28	1/12/2018 7:45:18 am
ERP System Upgrade	5000	$210,000	11	6/14/2016 8:45:18 am
<<<		1/1		>>>

Tabular Data From Your Relational Database ▲

FOR PI SYSTEM USERS

- Users can upload their existing OSIsoft™ PI ProcessBook® files with just a few clicks.
- Creating and editing displays can be done in the familiar PI ProcessBook environment with use of its native controls or using the integrated web-based Builder.
- Easily upload, organize and search for thousands of existing displays.
- Supports searching and trending classic PI tags as well as AF Attributes and interacting with Element Relative Displays.

▲ Running in PI ProcessBook

Running in Browser ▲
Convert ProcessBook displays to web-enabled Glance displays with a few clicks.

OVERVIEW

Glance is a real-time graphical visualization client for OPC DA/HDA and OSIsoft PI that runs on all modern devices that support HTML5 without requiring add-ons. With Glance, users can house thousands of displays, view and even build displays on any modern web browser. The intuitive interface allows users to easily navigate and maintain a collection of graphical process displays suitable for an entire fleet of industrial facilities. Glance displays process graphics in real-time on iPads, iPhones, Android phones and tablets, and other mobile devices as well as most modern desktop browsers.

HIGHLIGHTED FEATURES

- **Single Point of Use** A single website interface does it all: stores, organizes, searches, views real-time information, mines data, builds dynamic process displays, etc.
- **HTML5 Display Builder** Web-based screen builder that looks and feels like a desktop application.
- **Affordable Licensing Models** Typically Glance is licensed on a per named-site basis with unlimited tags and end-users, giving all who are connected the ability to view and build displays.
- **Built on Industry Standards** Supports streaming real-time and archived process information from both OPC servers and OSIsoft PI Systems.
- **Lightning Fast Searchable Metadata** Allows users to find the desired information within a fleetwide library of displays.
- **Any Modern Device** Fully web-based and accessible from modern browsers and devices.

- **Symbol Library** Graphics provided by **Software Toolbox's Symbol Factory** gives users access to thousands of high quality pieces of artwork when building industrial process displays in Glance.

COMPATIBILITY

By leveraging lightweight data historians, users have a simple and **affordable** solution for viewing their equipment process information through Glance's enterprise architecture. Glance's OPC HDA data interface has been tested with **Kepware KEPServerEX's Local Historian** and **Honeywell's Matrikon Desktop Historian** as well as many other OPC DA/HDA servers.

> **Glance** has been an excellent product. Its intuitive interface requires minimal training and we see cost savings due to the seamless integration of our existing ProcessBook graphics which now can be used on mobile devices. **Glance** keeps our users connected whether they are in the office or in remote locations.
>
> *– Kimlin Pen*
> *Information Architect*

ENGINEERING CONSULTANTS GROUP, INC.
3394 West Market Street • Fairlawn, OH • 44333 • USA
www.ecg-inc.com • sales@ecg-inc.com • +1 (330) 869-9949