

# Industrial Evolution Launches a Live Demo with Web-Based Access To Real-Time Operating Data from Jacksonville Electric Authority

***Users can view live and historical data from an actual operating facility over the Web at [www.industrialevolution.com](http://www.industrialevolution.com) – Anywhere & Anytime***

**PHOENIX, ARIZONA. – September 5, 2000** – Industrial Evolution today announced the launch of its Live Demo at [www.industrialevolution.com](http://www.industrialevolution.com), constructed in co-operation with the Jacksonville Electric Authority (JEA) of Jacksonville, Florida.

The online demo makes a subset of actual live and historical operating data from JEA's water distribution network available on the Web for all to see. The demo clearly illustrates the power and accessibility of Industrial Evolution's AnyWhere™ and AnyTime™ Web-based services.

Process data, such as water flows, pressures and levels, is gathered locally from JEA's distribution network via various automatic data collection systems and stored in a PI System on a JEA server. The data is then transferred – at a rate upwards of 100,000 values/minute – to Industrial Evolution's secure Web server. From there, data is made available over the Internet to authorized users via a guest user account. Finally, the AnyWhere and AnyTime services provide the presentation tools for viewing the data using a Web browser. Specifically, AnyWhere provides basic graphical and tabular data display and reporting. By enabling AnyTime, users are provided with drill-down capabilities for enhanced analysis and visualization of the data.

In addition, the hosted data can also be used by software applications to deliver performance improvement to plant operations. These applications can be hosted and integrated together with the process data on the Industrial Evolution server. Application support is jointly provided by Industrial Evolution and the application vendor themselves to ensure optimal ongoing performance.

Michael Eaton at JEA, said, *"The Industrial Evolution approach allows me to view operating data related to our water distribution network from my home, office, or any other location I choose. And because of the security measures taken by Industrial Evolution, I feel comfortable in knowing that the hosted JEA data and our actual operating activities are secure."*

Simon Wright, President of Industrial Evolution, added, *"The project with JEA is just one example of how we can add value to process and manufacturing operations. Executives, managers and engineers in every company I know all wrestle with information access from outside their corporate firewalls – a challenge easily solved with our secure approach to transmission and hosting of customer data."*

The Industrial Evolution vision is that all manufacturers, regardless of size or location, will have equal and easy access to the best expertise from any source inside or outside their company – and the JEA demo shows just how easy that access can be.

## **About Jacksonville Electric Authority**

JEA owns, operates and manages the electric system established by the City of Jacksonville in 1895 and - beginning on June 1, 1997 - owns, operates and manages the water and sewer system established by the City of Jacksonville in 1880.

JEA is the largest municipally owned electric utility in Florida and the eighth largest municipally owned in the United States. JEA's electric system currently serves more than 335,000 customers in Jacksonville and parts of three adjacent counties. JEA's water system serves 170,000 water customers and 127,000 sewer customers, or about 83 percent of the total water and sewer utility customers in Duval County and parts of an adjacent county.

JEA's Water and Sewer System consists of 98 artesian wells tapping the Floridan Aquifer, 28 water plants, 2,800 miles of water lines, 2,100 miles of collection lines and five regional wastewater treatment plants. The Floridan Aquifer is one of the world's most productive aquifers.

## **About Industrial Evolution**

Founded in 2000, Industrial Evolution is the first company with its roots firmly planted in the process industries to bring a new Internet approach to performance improvement in manufacturing. Industrial Evolution's services include AnyWhere™ and AnyTime™ - all of which bring real value to customer operations today by making operational data and information available via the Web when and where it is needed to help improve operating performance.

The Industrial Evolution vision is that all manufacturers, regardless of size or location, will have equal and easy access to the best expertise from any source inside or outside their company, as facilitated by the data management and e-business environment. Industrial Evolution is based in Phoenix, Arizona. Additional information is available on the Internet at [www.IndustrialEvolution.com](http://www.IndustrialEvolution.com).

AnyWhere and AnyTime are trademarks of Industrial Evolution, Inc., Phoenix, Arizona; PI is a trademark of OSI Software, Inc., San Leandro, California.