AVEVA

Seminole County Water Division relies on AVEVA SmartGlance Mobile Reports to ensure the safety of drinking water for more than 440,000 residents in central Florida.

Seminole County
Industry - Water and Wastewater

Goals

- To implement a mobile process management system to ensure the safety of the more than 46 million gallons of water produced each day.

- To enable field operators to access critical data via mobile devices for immediate decision-making onsite.

Challenges

- Had to keep an operator 24 hours a day at a SCADA desk or waiting for alarms to come in so people could be called or paged out.

- The County needed a better method to access data from the historian and communicate it to operators in the field.

AVEVA Solution

- SmartGlance Mobile Reports

Results

- Actionable data with alarm points can now be accessed in the field on any type of mobile device to effectively manage the production of 46 million gallons of water each day.

- Answers are provided to operators within minutes instead of a ½ hour to manage operations of Seminole County's 10 facilities.

- Having real-time data accessible on mobile devices eliminates the need to have managers drive to a water plant to take care of an issue.

- Operators receive alerts before alarms occur, enabling them to address an issue before it becomes a problem, and before the County's 440,000 residents know there's a problem.

AVEVA SmartGlance Mobile Reports Provides Seminole County Mobile Access to Critical Water Facility Data, Ensuring Drinking Water Safety to More Than 440,000 Residents

SEMINOLE COUNTY, Florida – For Seminole County Water District, high-quality drinking water, along with reliable wastewater collection and treatment, is its highest priority in serving its residents. Operating five water treatment plants, two wastewater facilities, and three reclaimed facilities, Seminole County has relied on AVEVA to successfully manage its water management facilities for more than 20 years.

The department realised it needed to have a more mobile way of managing plant facilities and communicating among plant managers by making plant operations data more mobile so share in the field.

With the task of producing more than 45 million gallons of fresh drinking water each day, the management team looked to AVEVA for a comprehensive mobile solution that could easily integrate with its existing applications.

AVEVA SmartGlance Mobile Reports offered a variety of features that would best meet the County's requirements to enable plant managers and operators to view plant data on their mobile smartphone, handheld and tablet devices.

"We were trying to figure out the best way to get information from the historian out to the field. Our field operators and managers wanted to see their own trends, their own data, and we were having a hard time finding something they could use to do that. Then I found SmartGlance Mobile Reports."

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Employee,
Seminole County Water Division

Access to real-time data critical in the field

SmartGlance Mobile Reports enables Seminole County to view, analyse and collaborate around its facilities' process or operational data, metrics, key performance indicators (KPIs) and reports - anywhere, anytime and from any device.

"In the past we've had to rely on keeping someone 24 hrs. a day on a SCADA desk, or waiting for alarms to come in, and people called or paged out to address an issue at one of our plants. Now they are able to have all the data they need at their fingertips. It just makes their job a lot easier."

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Employee,
Seminole County Water Division

SmartGlance Mobile Reports enables the navigation of data from any historian, and from any SQL database using rich graphical charts and an intuitive and native application experience.

SmartGlance supports today's state-of-the-art mobile devices.

Capital costs can be eliminated with a hosted solution from AVEVA, or data can be kept within the organisation's building with an on-premises installation.

SmartGlance Mobile Reports MyAlerts improve overall monitoring of plant

The SmartGlance Mobile Reports "MyAlerts" feature enables Seminole County operators to receive personalised alert notifications based on configurable thresholds for Tag Reports. County managers and operators are now notified proactively. Some of the SmartGlance Mobile Reports features available include:

- Proactive PUSH notifications, based on configurable thresholds
- Real-time alerting
- Ring or vibrate notifications (From the Settings/ Notification Center)

"SmartGlance Mobile Reports makes it so easy to monitor our alarms and to dispatch them to proper staff. With this product, one of my chief operators has setup his own custom alerts. So, let's say he's at home sitting on the couch watching a football game and he gets an alert. He'll call the guys that are supposed to be taking care of that plant and let them know, 'hey your chlorine residuals are dropping.'"

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Employee,
Seminole County Water Division

With SmartGlance Mobile Reports, Seminole County can see the alerts before the actual alarm occurs.

Reduced costs and improved decision making with mobile connectivity

SmartGlance Mobile Reports enables companies to reduce costs and improve productivity while making faster and better decisions by reviewing, analysing and collaborating around a process or company data on mobile devices.

Smart phone applications and cloud computing drive the AVEVA mobile reporting solution. With the prevalence of smart phone and other mobile technologies, SmartGlance Mobile Reports phone app leverages this technology so plant data is always available on a cell phone, and in a form that is easy to view and manipulate.

Many of today's top companies are using cloud computing to provide their workers with important company information in a highly cost-effective and secure manner. SmartGlance Mobile Reports provides the option of leveraging this hosted model to provide critical plant performance data at the lowest possible cost in less than one day, or the option of an on-premises deployment for maximum control and security.

"AVEVA seems to have the pulse of the world in hand because they made it so you can flip to your watch, flip to your phone, and see what's going on."

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Employee,
Seminole County Water Division

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