PROJECT PROFILE
Accelerating reporting workflow
Sweetwater Authority

Client background

Sweetwater Authority (SWA) is a publicly owned water agency providing water treatment and distribution to over 200,000 San Diego County residents. Enterprise Automation has provided automation consulting and systems integration services to Sweetwater Authority since 2005.

Project background

Sweetwater Authority runs a bi-annual report containing data on facility metrics, water values, and budgets, and 20+ additional items from several operation areas and departments. Prior to starting this project, the report would take several weeks to prepare and would involve many SWA staff members. We were tasked to accelerate this process by building a system to consolidate disparate data silos and enhance data management. The primary technologies used in this project were PlantSCADA and AVEVA Production Management, a robust reporting tool traditionally utilized in the mining industry.

EA solution

Sweetwater Authority significantly reduced the time spent on manual data consolidation and manipulation and gained control over data presentation by implementing AVEVA Production Management's data aggregation and analysis platform.

AVEVA Production Management delivered comprehensive insights and a holistic perspective on operational data by bringing together vital metrics such as flow values, run values, and power totals from siloed sources. For example, EA developed a water balancing report to enable swift detection and resolution of water leaks, thereby delivering substantial savings for SWA.

While in this case AVEVA Production Management was the ideal solution for our client, the success of this project highlights the potential of data management technology (including Power BI and other tools) have in enhancing the data analytics capabilities of organizations across various sectors.

Project Manager

Josh Riley

Project Technical Lead

Adrian Leon P.E.

Key Insights:

- EA accelerated Sweetwater Authority's biannual reporting workflow by over 1,000%
- Reduced SWA's operator burden and maximized efficiency in finding leaks

Key Technologies:

- AVEVA Production Management
- AVEVA Plant SCADA

eaintegrator.com   inquiries@eaintegrator.com   (949) 769-6000