

SCADA Systems

ArcSine Engineering

ArcSine Engineering is an electrical, mechanical, and control systems engineering firm founded in 1978. We design SCADA systems for a wide variety of applications including the municipal water and wastewater industries.

Our design experience ranges from small SCADA systems covering a few sites to large systems covering hundreds of sites. We pay particular attention to our clients' project criteria and tailor our SCADA designs to meet those criteria.

ArcSine excels at recognizing the challenges of modifying features of existing control systems while keeping the overall control system functioning. **ArcSine** is recognized within the industry for setting the highest standards for test procedures and project execution to ensure successful and low risk cutovers. Our staff has the hands-on process control experience and education to anticipate and deal with subtle startup and long-term operation and maintenance risks and issues.

ArcSine stands out in the following areas:

- Field Investigations
- Exceeding Clients' Expectations
- Recognizing cost/benefit design trade-offs
- Efficient Programming and Communications
- Testing and Training
- Cutover and System Startup
- Project Management
- SCADA Master Plans

Our systems proficiency includes:

- PLC Systems: GE, Modicon, Allen-Bradley, Siemens
- HMI Packages: Wonderware InTouch, Intellution iFIX, Siemens ProTool, GE Cimplicity, US Data FactoryLink
- DCS: Alstom, ABB, Fisher Rosemount, Foxboro
- Network Protocol: OPC, Modbus, Ethernet and TCP/IP

Our Clients include:

- San Francisco Water Department
- City of Brentwood, CA
- Placer County Water Agency
- Central Contra Costa Sanitary District
- Zone 7, Alameda County Water District
- City of Red Bluff, CA
- City of Anderson, CA
- City of Petaluma, CA



Quantum PLC Arrangement



*Central Contra Costa County Sanitary District
SCADA Factory Demonstration Test*