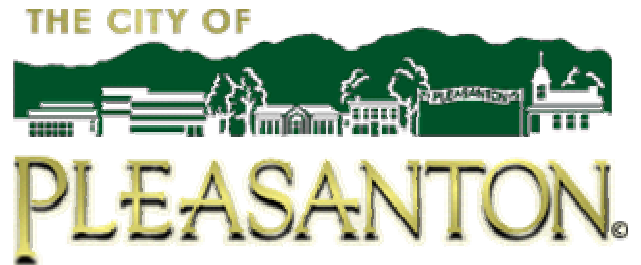


Project Experience

SCADA Strategic Planning Studies

City of Pleasanton, Pleasanton, CA

Timberline Engineering reviewed the current configurations, functions and features of the City's water and wastewater SCADA systems. Upgrades recommended by the system supplier were reviewed with respect to technical soundness, completeness and general compliance with industry standards. Timberline analyzed the technical offering, identified deficiencies, and offered suggestions for improvement.



Timberline also assisted in future planning for the City's SCADA systems. This work involved reviews of operating strategies and maintenance philosophies, and planned CIP projects for water and wastewater utilities.

The study assessed the viability of integrating water and wastewater SCADA into one networked system as opposed to the two separate systems and determined the advantages and disadvantages of a single enterprise-wide SCADA system serving both utilities. It explored needs for sharing SCADA system data with other city departments, systems and databases and what improvements and upgrades are needed to meet these future requirements.

The study addressed trends and issues in today's SCADA systems and recommended a plan for accomplishing upgrades, expansions and enhancements to meet City requirements. In addition to integration issues, the study addressed multi-user functionality, multi-vendor support of non-proprietary hardware and software, open system standards, architectures and connectivity to simplify connections to existing and future City-owned information management systems, and Year 2000 compliance.

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