

# ASC Aqua Sierra Controls, Inc.

www.aquasierra.com

Sales & Service (800) 649-4287

## PLC Programming Services

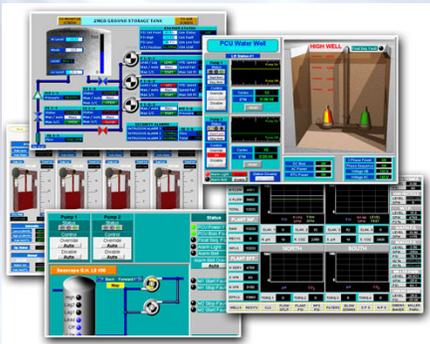


Aqua Sierra Controls can provide PLC programming services using many of the industry standard programmable logic controllers. ASC team members have completed hundreds of projects throughout the water, waste water and industrial manufacturing processes. ASC has over thirty years experience in the industry.

ASC can provide simple PLC programming from remote tank control to complex processes in industrial manufacturing facilities.



## HMI Programming Services



Aqua Sierra Controls can provide HMI SCADA programming services using many of the industry standard HMI SCADA packages. ASC team members have completed hundreds of projects throughout the water, waste water and industrial manufacturing processes. ASC has over thirty years experience in the industry.

ASC can provide simple SCADA programming from remote tank control to complex processes in industrial manufacturing facilities.



DATA FLOW SYSTEMS, INC.  
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## *Radio Path Studies*

Aqua Sierra Controls partnership with Data Flow Systems for Radio Path Studies DFS brings an abundance of RF experience and communications tools to a SCADA project. We have designed over 10,000 successful RF communication links throughout the US.

Our services are used to determine the optimum antenna height, pattern, gain, and azimuth required at each location. Radio links to and from each location are independently analyzed and designed for maximum communications efficiency. We conservatively design RF links with a minimum 20 db fade margin so that communications can continue even after losing 97% of potential signal strength.

### **FCC Licensed Frequencies Are Our Specialty**

ASC and DFS specializes in the use of FCC licensed frequencies. We assume the responsibility for the frequency selection, work directly with the appropriate coordinator, and pay great attention to the rules and regulations outlined in the Code of Federal Regulations, Title 47, Part 80 to End, Telecommunication. ASC also provides FCC license application and renewal services on the user's behalf.

### **A Solution You Can Trust**

ASC and DFS provides solutions that you can trust. When a system is installed in accordance with our design, we guarantee its performance or we'll correct it at our expense.

## *Project Engineering*

Aqua Sierra Controls can provide project engineering and design for metering manholes, sewer pump stations and control panels. From equipment selection and sizing to AutoCAD drawings.

