

**Location:** **Govt. Department (Confidential)**

**Year of Implementation:** **2006**

**Product Summary:**

<b>Project</b>	
<b>Project</b>	<b>Data Acquisition and Sequence Control System</b>
<b>Installation and Development</b>	<p>User needed to measure the different type of parameters like voltages, current, temperature, pressure, flow, level etc., analyze the data, operate the control valves &amp; switches based on time/limit conditions, Visualize the data and make the reports.</p> <p>We did the PC-based automation for this as follows:</p> <p>Using the ADAM-5000 series modules of Advantech's, we did the interfacing of their instruments with the computer.</p> <p>Developed the software, which does the measurement of around xx number of channels, scaling, analyzing, visualizing in GUI form and logging the data.</p> <p>Provision for setting the limits for alarming, provision of setting the time rate for logging the data and setting the time sequence to operate the valves or switches is also provided in the application. When the test is complete, user can visualize the reports of different types, in different forms i.e. Graphical/tabular etc. and do the printing.</p>
<b>Software &amp; Language Used:</b>	Operating System <b>Win98/XP</b> and Language <b>Visual C</b>