

Location: Govt. Department (Confidential)

Year of Implementation: 2004

Product Summary:

Project	
Project	Data Acquisition and Sequence Control System
Installation and Development	<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 & 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 PCI17xx series cards and ADAM4000 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 ie graphical/tabular etc. and do the printing.</p>
Software & Language Used:	Operating System WinXP and Language GeniDaq4.1 , language Visual Basic