

**Location:** **DRDO, DELHI, INDIA**

**Year of Implementation:** 2005-06.

**Project Summary:**

| Project Summary                      |   |
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| <b>Project</b>                       | <b>PC based Data Acquisition, Monitoring and Control System for Laser Application</b>   |
| <b>Installation and Development</b>  | Monitoring and Controlling of 256 pressures sensors, 160 Digital Output Channels and 64 Analog Output Controls using Advantech Data Acquisition Cards with TCP/IP implementation used for Networking between all the PC's. Also created mimics/GUI and HMI for all the control system for the actual visualization. Performed Installation and Testing of all the PCI Bus Based Data Acquisition Cards. |
| <b>Software &amp; Language Used:</b> | <b>Labview 7.1</b> Professional Development System.   |