



"Embedding thoughts into Technology"

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PC Application to control laser driver system using Labview through USB

Client:

US based company.

Requirement:

To make a Labview application to control and monitor an ILX instrument using the USB port. The GUI of the application should mimic the front panel of the instrument.

Solution:

The application was made using Labview 8.0. It was an exact functional copy of the front panel of the connected instrument. Using the application, the user can control and monitor the instrument from the PC. If any error occurs, it is displayed in the application and preventive measures are taken accordingly.

Tools/Platforms:

- » Labview 8.0 from National Instruments
- » VISA Driver Development Wizard for USB drivers (also from NI)