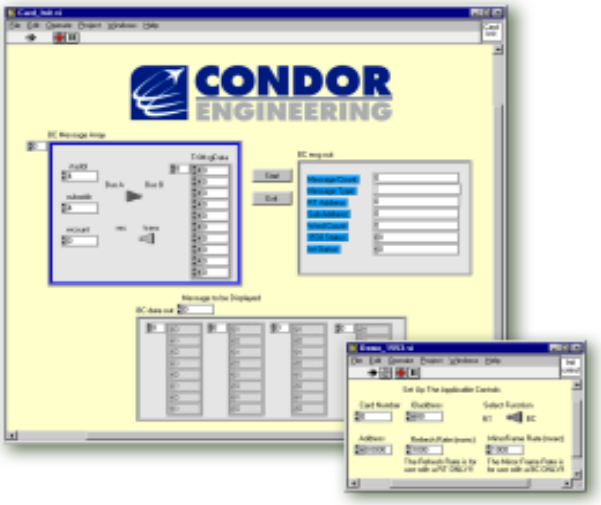
LabVIEW Support

FEATURES

- Quickly connect LabVIEW applications to MIL-STD-1553 databuses
- Powerful and flexible 1553 API (Application Programming Interface) implemented in LabVIEW VIs
- Convert MIL-STD-1553 data words to engineering units
- All VIs for application program example included
- Provides LabVIEW control over Bus Controller, Remote Terminal and Bus Monitoring
- Supports LabVIEW 5.1 for Windows XP, 2000, Me, NT, 98 and 95
- Common VI support for QPCI-1553, QPMC-1553, QVME-1553, Q104-1553, PCI-1553, cPCI-1553, ISA-1553, PCCARD-1553, VXI-1553 and VME-1553

See our on-line Military Products Configuration Guide for available configurations.

http://www.condoreng.com



LV-1553 software is the integrating link between the Condor MIL-STD-1553 interfaces and the National Instruments LabVIEW graphical environment. Lowlevel programming is eliminated, and by using the G graphical language, users can quickly develop custom PC, PCI, cPCI, PCMCIA, VME and VXI-based test and simulation solutions that connect to MILSTD-1553B avionics databuses.

LabView Real-Time is now supported by LV-1553 and Condor cPCI hardware on PXI/cPCI platforms.

By using LV-1553, users can rapidly build custom applications to monitor multiple 1553 channels in real-time, filter and time-tag data, create custom displays and pass data to other applications. The LV-1553 product includes complete VIs (Virtual Instruments) that can be used in the LabVIEW environment to provide graphical access to Condor's extensive API (Application Programming Interface). Users can then create their own interactive VI interfaces to initialize and control the intelligent Condor hardware. A single set of LabVIEW VIs supports the functionality of the QPCI-1553, QPMC-1553, QVME-1553, Q104-1553, PCI-1553, cPCI-1553, ISA-1553, PCCARD-1553, VME-1553 and VXI-1553 interfaces.

An actual LabVIEW application program is provided that covers board initialization, Bus Controller, Remote Terminal and Bus Monitor functionality. Condor's LV-1553 examples provide a rapid jump-start for customized user application programming with LabVIEW.

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