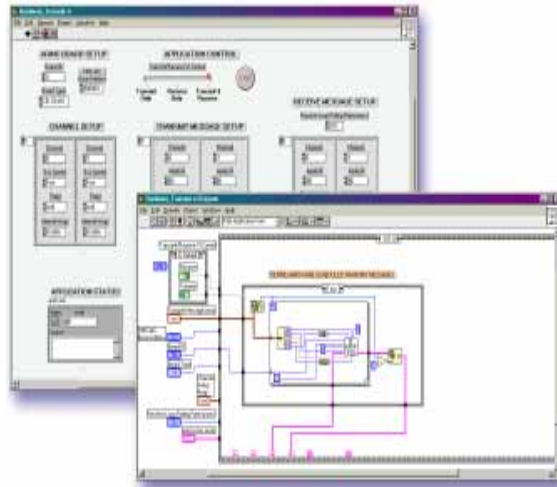


FEATURES

- > Quickly connect LabVIEW applications to ARINC 429 and ARINC 575 databases
- > Supports up to 32 Rx and 32 Tx channels
- > Powerful ARINC 429, 575, CSDB, + API implemented in VIs
- > Convert ARINC data to engineering units
- > All VIs for application program example included
- > Powerful and flexible API (Application Programming Interface) implemented in VIs
- > Supports LabVIEW 6.1 for XP, 2000, Me, NT and 98
- > CSDB and serial data support
- > Common VI support for CEI-100, -200, -220, -300, -420A, -430, -500, -520, -520A, -600, -620, -710, -715, -830, VME/VXI-AIC, MAC and VME/VXI-MIO interfaces
- > RS-232, RS-422 and RS-485 serial data is only supported on the VME/VXI-AIC

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

<http://www.condoreng.com>



CEI-LV software is the integrating link between the Condor ARINC 429 interface and the National Instruments LabVIEW graphical environment. Board-level 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 ARINC 429 / 575 / CSDB avionics databases.

With CEI-LV, users can rapidly build custom applications to monitor multiple ARINC receive channels in real-time, process periodic ARINC data transmission on multiple transmit channels, and perform engineering conversions on binary data. The CEI-LV product includes low-level VIs (Virtual Instruments) that can be used in the LabVIEW environment to provide graphical access to Condor's board-

level API's (Application Programming Interface). Users can then create their own interactive VI interfaces to initialize and control both intelligent and non-intelligent Condor hardware.

A single set of LabVIEW VIs supports the functionality of the CEI-100, -200, -220, -300, -420A, -430, -500, -520, -520A, -600, -620, -710, -715, -830, VME/VXI-AIC, MAC and VME/VXI-MIO interfaces.

LabVIEW example application programs are provided demonstrating board initialization, channel configuration, setup & transmission of multiple transmit messages, configuration & display of multiple receive messages, and Engineering Unit conversion. The Condor CEI-LV VI examples provide a rapid jumpstart for customized user application programming with LabVIEW.

