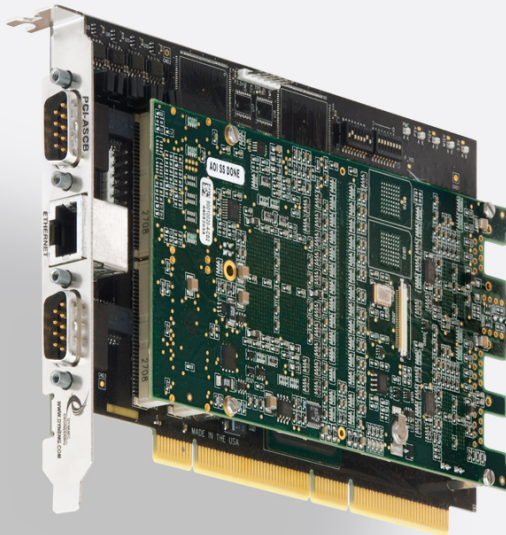


# ASCB-D bus interfaces



The Goebel Company announces the next generation of ASCB-D bus interfaces, designed from the ground up for simulation. Previous cards base on flight hardware components restrict the user to flight hardware capabilities. By designing a card specifically for simulation additional features are possible. A single card can transmit on both left and right ASCB-D busses. Previously two cards were required for this functionality. A card can emulate multiple NICs including timing NICs. NICs being emulated can be enabled or disabled independently.

## **ASCB-D features**

- Transmit on left and right busses via single card
- Selection of primary/backup bus for receive
- Multiple NIC transmit without changing NIC registry
- Single or multiple timing NIC capability
- PCI universal voltage
- On board DMA controller
- Instant download of NIC registry over PCI
- Comprehensive bus statistics over PCI
- FPGA updatable to next generation ASCB

## **ASCB-D software**

- TIU server software upgraded to ASCB-PCI
- Standard drivers for Windows and Linux
- Driver software available for VxWorks, IRIX, HP-ux
- Other OS drivers available on request

## **ASCB-D analyzer**

- Monitors both left and right ASCB-D
- Raw packet display capability
- Parameter group display capability
- Selection of primary/backup bus for receive
- Plotting of parameters

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