

# VEGAS DATA DIODE



www.dragoonitcn.com



DragoonITCN's VEGAS DATA DIODE is a non-ruggedized module that addresses concerns regarding use of untrusted, commercial-off-the-shelf (COTS) bus logging on aircraft with a MIL-STD-1553 or ARINC-429 bus interface.

VEGAS is inserted between the active bus and a "receive only" Line Replaceable Unit (LRU) to ensure that it is only capable of receiving bus traffic. In this scenario, the aircraft's interface bus would be isolated if the LRU had been maliciously modified to transmit harmful messages on the bus.

The VEGAS DATA DIODE allows the aircraft operator/integrator to purchase MIL-STD-1553 (or ARINC-429 [optional]) receive-only COTs and LRUs, and trust that the bus is isolated from intentional or unintentional cyber effects from that LRU.

## Benefits

- Protects the avionics bus from untrusted, commercial off-the-shelf (COTS) bus monitors
- Protects the avionics bus from roll-on / -off equipment
- Protects the avionics bus from traffic insertion at open test ports on aircraft
- Acts as a repeater to extend the length of the avionics bus

## SWAP

Size: 4.5" L x 4.7" L x 1.4" H

Weight: 14 oz

Power: 5 VDC 0.5 Amps

**Contact  
Us**

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