

DATA ACQUISITION



Features & Benefits:

Today's advanced aviation and military fleets require complex signal interfacing. At PDS, our team of experienced engineers have been designing and building Data Acquisition Units (DAU) for analog and digital avionics input signals for decades.

Our highly configurable systems are lightweight, rugged and packaged to meet your applications design specifications. Our mission-ready units are designed to survive the extreme heat, sub-zero cold and harsh vibrations demanded by modern jets, turboprops, helicopters, UAVs and military ground vehicles.

Signal Interfaces

- Temperature
- Pressure
- Flow
- Position
- Speed
- Quantity
- Torque
- Discrete input & output
- Analog output

Data Buses

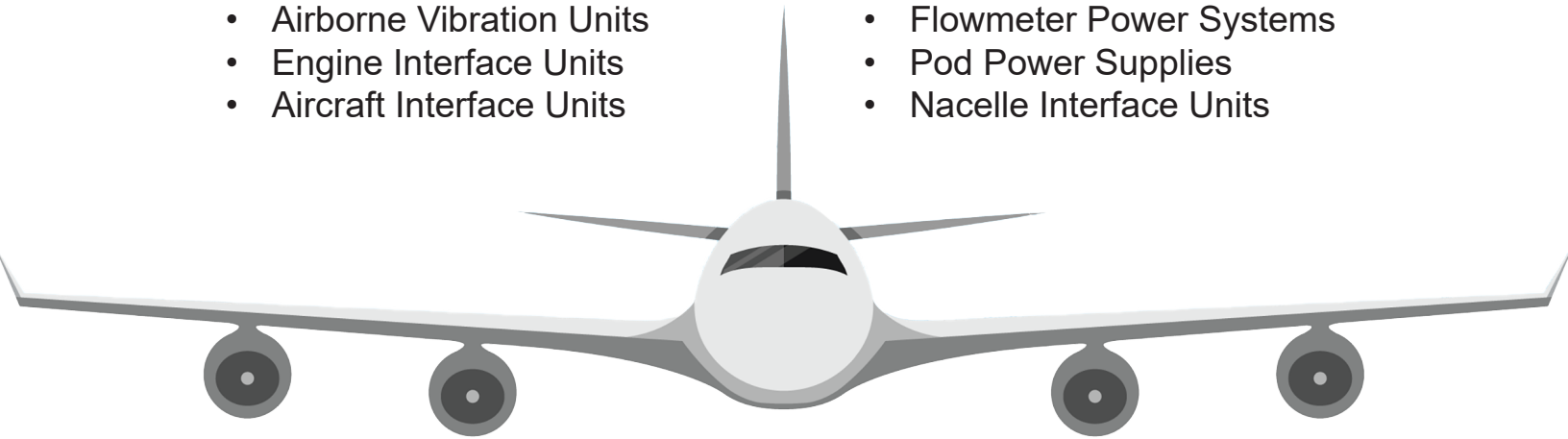
- ARINC 429
- ARINC 664
- ASCB
- CAN
- RS-232
- RS-422
- RS-485
- MIL-STD-1553



DATA ACQUISITION

Product Examples We've Placed on Modern Business Jets,
Helicopters, Commercial and Military Transport

- Data Acquisition Units
- Data Concentrator Units
- Bus Adapter Units
- Over Torque Warning Units
- Airborne Vibration Units
- Engine Interface Units
- Aircraft Interface Units
- Engine Monitoring Units
- Data Conversion Units
- 2nd Harmonic Converters
- Engine Over-Speed Switches
- Flowmeter Power Systems
- Pod Power Supplies
- Nacelle Interface Units



Proven data solutions custom designed to interface with:

Multifunction-Cockpit Displays, EICAS, Cockpit Voice Recorders, Flight Data Recorders, FADECs, Air Data Computers, Maintenance Computers, Fuel Management Systems, Autopilot, Engine Data Collection Units, Aircraft Mission Management Computers and more.

Custom Designs Available Upon Request

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