



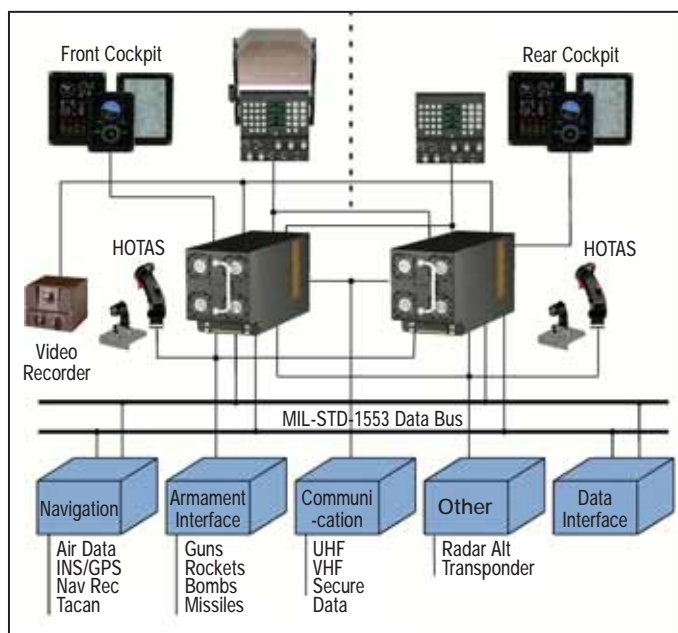
# Cockpit 4000

## Integrated Glass Cockpit Avionics

### Low Cost, Low Risk Highly Capable Integrated Avionics Solution

#### CMC Electronics Integrated Cockpit:

- FV-4000 Open Architecture Mission Computer
  - 3 and 5 MCU versions
  - Multi-processor CompactPCI/PMC Bus
  - Built-in video processing
  - Built-in HUD Symbol Generator and Driver
  - Interfaces for Avionics Subsystems
- CMA-4000 Control Display Units
- SparrowHawk HUD
- Multifunction Displays
  - 4x5, 5x7 and 6x8 AMLCDs
  - Superior performance back lighting
  - Driven by MC video
- Front and Rear Up Front Control Panels
- HUD Repeater and Camera
- Integrated Subsystems
  - INS/GPS - Air Data
  - Radios - Armament Interface Unit
  - ADC - Tandem Controls
- Multi-Role
  - Training
  - CAS
  - COIN



**System Architecture**

#### System Benefits:

- Open Architecture using Proven Avionics Hardware
  - Compact PCI Cards
  - PowerPC, Graphics & Video Processing
  - Supports MIL-STD-1553, ARINC 429 and Ethernet buses
  - RS-422, Analog, Discrete and Synchro Interfaces
- Redundant System Architecture
- Proven Operational Flight Programs
  - Flight and Engine Displays
  - 4D Navigation
- Communications
- Weapons Delivery and Training
- Simulated Air Target
- No-Drop Bombing System
- Stores Management
- Digital Map
- Saves Weight, Space, Power and Cost
  - Dumb MFDs driven by Powerful Mission Computer
  - Fewer LRUs
  - Functionality added by Software
  - Built-in Processing and Interface Growth
- CNS/ATM Compatibility



Ottawa Facility: 415 Legget Drive, P.O. Box 13330, Ontario, Canada K2K 2B2 Tel: (613) 592-6500 Fax: (613) 592-7427 www.cmcelectronics.ca  
 Chicago Facility: 84 North Dugan Road, P.O. Box 250, Sugar Grove, IL 60554-0250, U.S.A. Tel: (630) 466-4343 Fax: (630) 466-4358 www.cmcelectronics.us  
 European Office: 17 North Street Workshops, North Street, Stoke-sub-Hamdon, Somerset TA14 6QR, United Kingdom Tel: +44(0) 1935 829177 Fax: +44(0) 1935 829014