



Driven Product Listing

Simulated Military Displays

F-15 (E, S & C Modules) Eagle

Multi-Purpose Display (MPD)
Multi-Purpose Color Display (MPCD)
Enhanced Engine Monitor Display (EEMD)
Flat Panel Control Display (FPCD)
Flat Panel Control Indicator (FPCI)
Passive Attack Display (PAD)
SATCOM Panel
Large Area Display (LAD)
HUD Radio Communications Control Panel (HRCCP)
Simulated Engine Fuel Hydraulic Display (EFHD)
Indicator, Simulated Electronic Horison (EHSI)
Cockpit Pressurization Monitoring and Warning System (CPMWS)
Reference Standby Display (RSD)
Simulated, Vertical Situation Display (VSD)
Simulated, KY-58 Control Panel
ILS/TACAN Panel
Built in Test Panel (BIT)

F-16 Fighting Falcon

Color Multi-Function Display (CMFD)
Display, Data Entry / Pilot Fault List (DED)
Dedicated Electronic Warfare Display (DEWD)
Advanced Threat Display (ATD)
Center Pedestal Display (CPD) / Center Display Unit (CDU)
Radar Warning Receiver (RWR)
EW Display
32 Station Caution Panel Block 30
32 Station Caution Panel Block 40/50
ALQ-213 EWMU
ALQ-213 Triangle
5 Station Caution Panel
2 Station Caution Panel



Driven Product Listing

Simulated Military Displays

F-18 (E/F, Swiss, TOFT & CF-18 ADCTS) Hornet

- Up-Front Control Display (UFCD)
- Multi-Purpose Display Indicator (MDI)
- Advanced Multi-Purpose Display (AMPD)
- Multi-Purpose Color Display (MPCD)
- Integrated Fuel & Engine Indicator (IFEI)
- Horizontal Situation Display (HSD)
- Engine Fuel Display (EFD)
- 8 x 10 Display, Advanced Multi-Purpose (AMPCD)

F-22 Raptor

- Up-Front Display (UFD)
- Primary Multi-Function Display (PMFD)
- Secondary Multi-Function Display (SMFD)
- Integrated Control Panel (ICP)
- JSE F-22 Cockpit

F-35 Joint Strike Fighting

- Panoramic Cockpit Display (PCD)
- Standby Flight Display (SFD)
- Master Arm Panel
- Auto Recovery Panel
- Master Zeroize Panel
- Flight Controls Panel
- Engine Control Panel
- PTMS Control Panel
- E-Jettison/Brake Panel
- Landing Gear Control Panel
- DCA Consent Panel





Driven Product Listing

Simulated Military Displays

A-10 Warthog

Multi-Function Color Display (MFCD)
Control Display Unit (CDU)
Radar Warning Receiver (RWR)

C-17 Globemaster

Multi-Function Display (MFD)

C-130 Hercules

Multi-Function Display (MFD)
Auto-Flight Panel (AFP)
Attitude Direction Indicator (ADI)
Horizontal Situation Indicator (HSI)
Integrated Standby Indicator System (ISIS)
Threat Display Control Unit (TDCU)
Interface Display Computer Unit (IDCU)
Pod Control Display Panel (PCDP)

EF2000 Eurofighter Typhoon

Multi-Function Display (MFD)

B-1B Lancer

8x6 Landscape Display
6x8 Portrait Display
8x10 Landscape Display
Integrated Data Link Multi-Function Display





Driven Product Listing

Simulated Military Displays

UH-60M Sikorsky Black Hawk

Multi-Function Display (TBOS)
Control Display Unit (CDU)
Electronic Standby Instrument (ESI)
AVCATT Display Head Assembly (DHA)
Ultra Wide Touch Screen Display

B-2 Spirit

Touchscreen Monitor

B-52

Multi-Function Display

Leonardo M-346 Master Advanced Fighter Trainer

Get Home Display (GHD)
Multi-Function Display (MFD)
Up-Front Control Panel (UFCP)
Right In-Board Panel (RIP)
Left In-Board Panel (LIP)
Engine Fuel Display (EFD)
Control Surface Display (CSD)

T-6B Beechcraft Texan

5x7 Multi-Function Display (MFD)
Backup Flight Indicator (BFI)
Up-Front Control Display (UFCD)





Driven Product Listing

Simulated Military Displays

CH-47 Chinook

Control Display Unit-7000 (CDU-7000)

AH-64 Apache

Radio Control Head Panel (RCHP)

P-1 Kawasaki

Standby Flight Instrument (SFI)
Chaff / Falre Simulated Control Panel (CFSCP)

P-21 Pilatus

Engine Monitoring Display (EMD)
Integrated Standby Flight Display (ISFD)
Flight Management System (FMS)

E-3 AWACS

Control Display Unit-7000E (CDU-7000E)
Multi-Function Display-268C-100 (MFD-268C-100)

V-22 Osprey

Multi-Function Display (MFD)
Keyboard Panels





Driven Product Listing

Simulated Military Displays

UH-72A Lakota

C-5000
Advanced Video Display Unit (AVDU)
AVCATT Display Head Assembly

MCH-101 Kawasaki

Standby Flight Instrument (SFI)
Multi-Function Display (MFD)
Data Management System Panel (DMS)

KC-46 Pegasus Tanker/Refueler

Display Unit (DU)

T-44C Trainer

Adaptive Flight Display (AFD)
Display Control Panel (DCP)
Electronic Standby Instrument System (ESIS)
Control Display Unit (CDU)
Flight Guidance Panel (FGP)

T-7A

Engine Fuel Display (EFD)
Simulated Large Area Display (LAD)
Up-Front Control Display (UFCD)
Standby Flight Display (SFD)





Driven Product Listing

Simulated Military Displays

C-12 Beechcraft

Adaptive Flight Display (AFD)
Multi-Function Display (MFD)
Control Display Unit 2000 (CDU 2000)
Control Display Unit 3000 (CDU 3000)
Electronic Standby Instrument System (ESIS)
Display Control Panel (DCP)
Flight Guidance Panel (FGP)

SH-70 Sikorsky Helicopter

Integrated Switch / Annunciator Panel
Fully NVIS Compatible
Split-Legend Integral Switches with Dual Lighting
Ethernet, Serial USB Communication
Automated Flight Control Systems CP (AFCS)

S-76D Sikorsky Helicopter

Multi-Function Color Display (MFCD)
Multi-Function Display (MFD)
Integrated Standby Flight Display (ISFD)

NH-90 Helicopter

Multi-Function Display (MFD)

T-X Lean-In Trainer

Large Area Display (LAD)



Driven Product Listing

Simulated Commercial Displays

Boeing 737 / 737 MAX / 767 / 777 / 777X / 787 / P-8 Poseidon

B737 Display Unit (DU)
B787 Display Unit (DU), B737 Max (DU), B777X (DU), KC-46
Multi-Color Control Display Unit (MCDU)
Mode-Control Panel (MCP)
Integrated Standby Flight Display (ISFD)
Electronic Flight Bag (EFB)
B787 Multi-Function Key Pad (MFKP)
EICAS 767/757 Display

Airbus A320 / A330 / A340 / A350

Simulated Display Unit (SDU)
A350 Integrated Standby Flight Display (ISFD)
High Fidelity A350 Display Unit
Multi-Function Control Display Unit (MCDU)
Honeywell MCDU Keyboard
Thales MCDU Keyboard
Ethernet Display Unit (EDU)

Embracer E-Jets

Multi-Function Display (MFD)

ATR72-600 Twin-Engine Turboprop

Multi-Function Control Display Unit (MCDU)
Display Unit (DU)

ATR72-600 Twin-Engine Turboprop

Multi-Function Control Display Unit (MCDU)
Display Unit (DU)



Driven Product Listing

NASA

Orion Crew Exploration Vehicle

Multi-Function Display (CEV MFD)

Lunar Lander

Lunar Lander HUD

Technology Innovations For Commercial/Military Simulation Systems

DTI Custom Network

"Enabling Simulation Systems for the Future"

Custom Embedded OS/Scheduler running at 20 Hertz

- 20 Hertz synchronized to the Linux RTC (Real Time Clock)
- Qdisk Messaging for inter-thread connectivity and network testing
- Asynchronous threads for independent processing
- Thread priority adjustable
- Message logging (with added memory card)
- Error logging (fault isolation and recovery)

Runtime Modes

- Standard (data collection and forwarding)
- Playback (for playing back recorded logs)
- Simulation (for host integration message generation)

Input / Output Options

- RS232 Serial Port
Standard Baud Rates (9600 to 115200) Input from devices or output to host
- 10/100 Networking
Standard 802.3 portocol OSI Layer 3 networking
- Wireless Networking
Standard 802.11 B/G/N OSI Layer 3 networking
- USB 2.0
SPP (Serial Port Protocol)

Software Protocol

- Embedded protocol designed for speed and network latency issues
Fully documented Checksum validation of data
- System scalable with hundreds of nodes and thousands of data elements