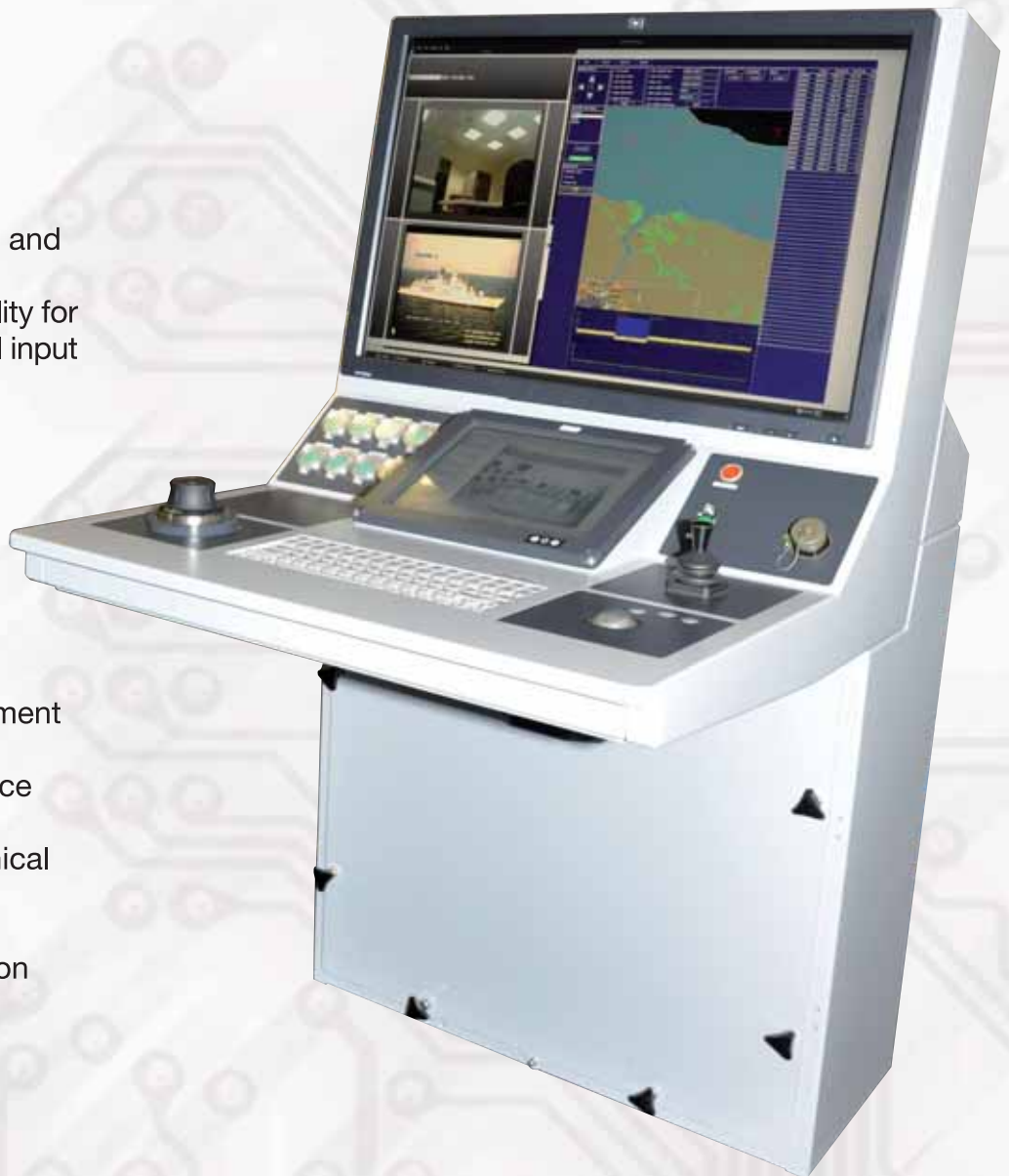


## NEW GENERATION CONSOLE

New Generation Operator Console is an ergonomic multi-function Human Interaction Equipment designed for the distributed architecture of Ship Combat Management Systems. Design philosophy focuses on providing flexibility in equipment choice and special arrangement as well as changes in functionality without sacrificing ergonomic considerations or adherence to military standards.

### New Generation Console provides;

- Multiple data entry, display and control device,
- Modular configuring capability for optional use of different HMI input devices,
- Digital Radar and TV Video Processing and Displaying System,
- Redundant data network interfaces,
- Improved ergonomics with respect to Mil-STD-1472 requirements,
- Improved thermal management and ventilation,
- Ease of access, maintenance and repair,
- Stable and rugged mechanical structure,
- High reliability,
- Console Cabinet Supervision System.



## TECHNICAL CHARACTERISTICS

### I/O devices:

- 30-inch 2560 x 1600 pixel (WQXGA), LCD Screen capable of displaying CMS applications,
- Programmable Menu System, 12.1" LCD screen with Rugged, USB Touch Input Panel,
- Ergonomic 85-key Rugged QWERTY keyboard with full travel key switches,
- Modular Track Ball (IP68),
- Rugged, modular, finger operated joystick or Handgrip,
- Rugged, modular 3D Mouse / Pointer Device; zoom, pan left/right, pan up/down, tilt, spin and roll control of the objects with 6-degrees-of-freedom,
- Eight Illuminated Momentary Action Key Buttons,
- Modular Utility Module that houses; Power On/Off button, Alarm Indicator, Ethernet Service Connection (ILOM) and/or USB Connection Receptacle.

### Work Station

- Eight Slot Industrial Wall mount Chassis,
- Expandable PC architecture ,
- Seven slot Backplane,
- One full length PICMIG 1.3 standard, CPU slot,
- Two PCIe slot,
- Four 32-bit PCI slot,
- One Upgradeable PICMIG 1.3 CPU Card W/C2 QUAD 2.83 GHz, 2x2GBR,
- Graphic Card, Quadro, FX-1800, with dual DVI output,
- Eight on board, four on the backplane USB (2.0) Port,
- Intel® PRO/1000 PT, Dual Port NIC for Video Network Connections,
- Two Onboard GbE RJ-45 port for Data Network Connections,
- Linux Operating System,
- DRTVDDS Client Software.

### Electrical

- 115 - 220 VAC, 50/60 Hz operation
- Max. 500VA Power Consumption

### Dimensions

- Width : 740 mm
- Height : 1315 mm
- Depth : 825 mm
- Leg space cross section according to MIL-STD 1472F
- Leg space width: 635 mm
- Mass < 150 kg

### Environmental

Designed to meet MIL-STD 810F, MIL-STD-167/1, MIL-STD-461E, MIL-STD-108E, EN61000-4-2, MIL-STD-1474D and Inclination requirements for Naval Sheltered Platforms.