

The Electronic Incident Board (EIB) is a module that includes specific software and hardware components totally integrated in BDCS environment in order to replace the old Plexiglas Incident board used on board of Navy ships.

It consists of:

- *A set of large screen displays for the visualization of the ship emergency situation*
- *Multi-deck (up to 8) and global vessel view*
- *Rugged tablet PC for onsite emergency information inputs collected by the Safety Officer*
- *Wi-fi network access points to ensure tablet PC remote on-line functionality*

EIB software module is designed to be compliant with Navy Incident Board criteria in terms of Ship visualization, symbols and relevant colors and to comply with the highest graphical and ergonomic standards. EIBs are installed in the main critical zones of the ship dedicated to the safety management and they are linked to the BDCS network. This ensures a real time synchronization of the emergency fighting progress among all ship control stations.

Hardware Features

- Set of one or three large screen displays to visualize whole ship emergency situation:
 - Shock Qualified Large screen Displays available both in 32" and 46" sizes
 - Multi-touch screen technology compatible with gloves
 - Qualified Anti-shock brackets for onboard installation
- Ruggedized tablet PC for mobile use
- Wi-Fi network for tablet operation
- Ethernet link to BDCS system
- High level fault tolerance

Hardware Options

- WIPS EAL *Common Criteria* Certified wi-fi network

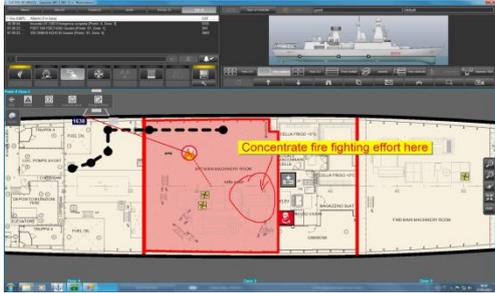
Software Features

- BDCS embedded
- Multi (8) or single (1) deck vessel view
- Multi-touch feature
- Hand or aided drawings features
- Real time information sharing among all of BDCS workstations
- Specially designed to manage on-line and off-line tablet operation and synchronization

Certificates

- MIL-S-901-D Shockproof qualified installation
- Rugged Tablet PC IP65, MIL-STD-810G
- WIPS EAL *Common Criteria* Certified wi-fi network

The combined use of EIB, standard BCDS consoles and WiFi connected mobile tablets, enable a dynamic overview of the ship rooms in order to effectively capture safety information wherever they are generated.

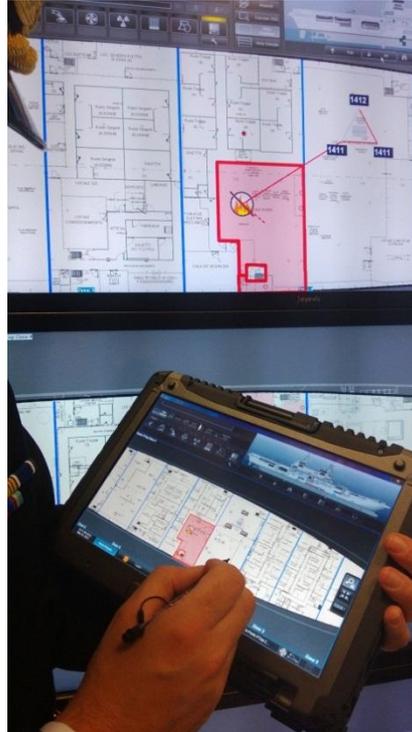


Hand drawing can be done either on touch screen display or, more effectively, with the touch Tablet PC.

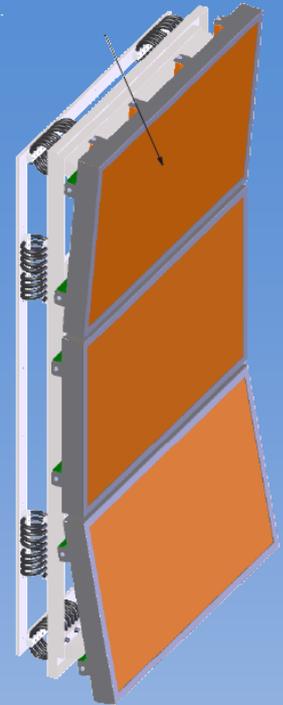
Drawings aids and tools are available to assist operator.

Tablet software is specifically designed to properly manage on-line as well off-line operation conditions. When the tablet enters into an area that is not WiFi covered, as a damaged room, the officer can continue to operate inserting all information related to damage assessment, including check lists. As soon as the tablet gets back on-line, the system uploads data on BCDS servers according to specific "split brain" rules in order to solve data conflicts.

Martec EIB together with other Martec products, like Battle Damage Control System and Decision Support System, enhances the on board SAFETY MANAGEMENT to the next generation.



3 x 46" Display



EIB hardware has been qualified to comply with both ergonomic and anti-shock Navy requirements according to the MIL-S-901-D standard, grade A.

SPECIFICATIONS

EIB 32" Display	<ul style="list-style-type: none"> Resolution 1920x1080 Weight 12.7 Kg (1 display) Multitouch, with or without gloves
EIB 46" Display	<ul style="list-style-type: none"> Resolution 1920x1080 Weight 55Kg (1 display) Multitouch, with or without gloves
Rugged tablet	<ul style="list-style-type: none"> CPU: Intel® Core™ i7-620M vPro™ OS: Windows 7 Professional Display: 12,1", XGA (1280x800), multitouch
Operating System	<ul style="list-style-type: none"> Windows 7 professional

ORDERING DATA

50-0048	32" display
50-0004	32" single display anti-shock mounts and bracket kit
50-0005	32" triple display anti-shock mounts and bracket kit
50-0047	46" display
50-0002	46" single display anti-shock mounts and bracket kit
50-0003	46" triple display anti-shock mounts and bracket kit

