



MFC - Multi-Functional Console

General Informations :

MFC multi-function console is high performance user interface provided for host applications such as fire control systems, combat systems, sonar systems, C4I systems and other graphically intense tasks.

It enables:

- high resolution display of graphical information, combined from different sources
- simple and effective input of displayable data
- flexible and efficient communication
- fast data processing, due to DSP algorithms

MFC functioning is based on powerful general-purpose computer of commercial of-the-shelf type. It is designed to meet relevant military and industrial requirements for harsh environment.



Multi-Functional Console (CRT ver.)

Typical application of MFC console includes:

- Graphical presentation within X-windows environment radar and video signals from different sources eg: analog and digital radar signals, analog and digital signals from TV or infra red cameras, synthetic signals as different tactical symbols, maps e.t.c.
- User data input by means of programable touch-screen which enables use of system through more levels of hierarchical menus, data input with standard keyboard rolling-ball or dedicated function keys.
- Communication of **MFC** console with other elements of system by means of Ethernet local network, modem communications, ATM communications of X25 protocol.

MFC console offers system integrators very flexible component of high quality which use is based on few well defined industry standards.



MFC(detail)

Technical Specification :

Display: LCD 20", 1600x1200 px

* On user request, other display type and resolution can be used.

Peripherals:

Touch-mask screen 10" 640x480 px colour TFT-LCD
Keyboard QWERTY 101 key
Rolling-ball

Inputs:

Radar: 2 analog + 3 digital

Communications:

Ethernet interface
RS 232/422/485

Operating system:

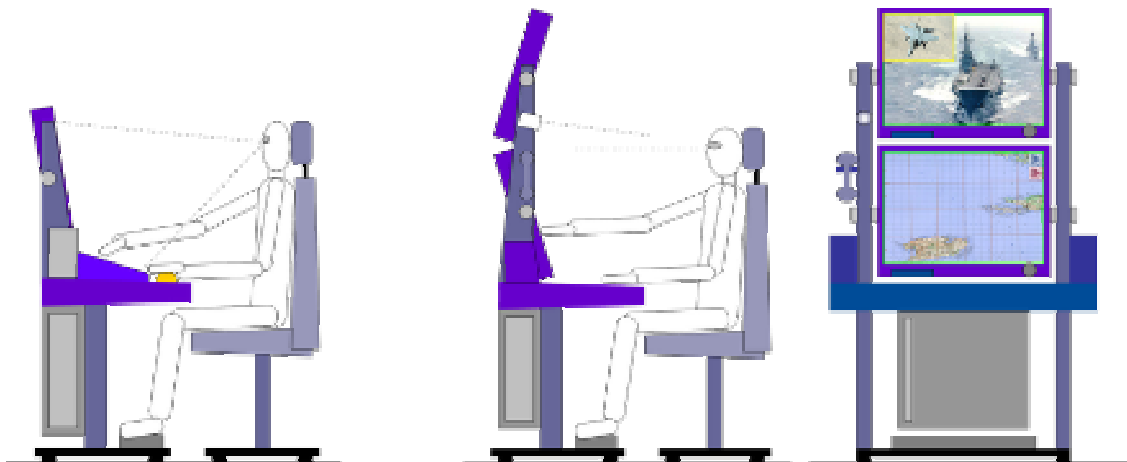
Linux ; MS Windows(alt.)

Adaptability to User Requests:

MFC console design provides modular architecture using commercial of-the-shelf components of the Standard Industrial grade.

The **MFC** allows the creation of a cost-effective command and control solution which can be tailored to specific user application requests regarding functionality and construction.

Constructional variants of a new type of MFC :



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