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FT NavVision™

FT NavVision™ is a modular, integral software solution for the maritime industry. It replaces all instrumentation, switchboards and alarm panels, and allows computer control and monitoring of all data and equipment such as engines, generators, pumps, refrigeration and hydraulic systems, the list is endless. It is possible to use each module as a stand-alone or in combination with other modules.

Development

The development of FT NavVision™ started in 1997. FT NavVision™ is platform and hardware independent. This has resulted in flexible and modular software that can be coupled to many systems and I/O components.

Platform

FT NavVision™ is written for the Windows Platform, currently supporting Windows 98, 2000, NT and XP. We are developing a Linux version.

Hardware

To connect components like engines, pumps, alarms to a computer, communication protocols and I/O components are needed. Free Technics has chosen an independent hardware platform. Protocols are available for Advantech and Wago I/O, VDO Instruments as well as NMEA, Can bus Catlink and others.

NMEA Communication

Connecting instruments based on NMEA is simple. It is possible to connect practically every imaginable parameter.

'nke Electronique'

'nke' has a special relationship with FT NavVision. By accessing their bus software a real-time connection was developed between "nke" equipment and FT NavVision. This direct connection gives many more possibilities than a conventional NMEA connection. It is now possible to virtually connect to 'nke' components and autopilots.

Logging

All parameters in Ft NavVision may be logged individually in intervals from 2 seconds to 2 hours. These parameters may be logged to a text file or a spreadsheet for record keeping, diagnostic purposes or surveying.

System Anomalies

System Anomalies will be stored directly in a special file.

From the first time you use it, all inquiries such as:

- Start up
 - Alarm Parameters
 - Sensor anomalies
- will be recorded.

Record keeping is only limited by the size of the computer's storage.

FT NavVision™ has been installed on almost 1000 vessels of all sizes.

- Installations are as much as 40% cheaper than traditional hardware.
- The global purchase price of computer equipment is not more expensive than buying traditional hardware.
- The installations are more user friendly than conventional installations.
- Navigation is simpler and more detailed than traditionally possible.
- More information is available than with other methods.
- Clients are very satisfied with the daily operation of virtual instrumentation.
- Clients are inquiring about new features which are incorporated on a regular basis.

Ahead of it's time

FT NavVision™ is far ahead of it's time and the development is ongoing. Even as this brochure goes to press new modules are being added.

Consultation

Due to the many system variations available we suggest you consult us at Free Technics, or our dealers or importers, for advice or quotations on your proposed system.