

# ATM Marine, Inc.

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## FT NavVision™

### Standard

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.

### FT NavVision™ Standard

Gives an overall picture of navigation instruments. This module consists of two viewers, the Advanced Analogue Viewer and the Basic Analogue Viewer.

### Advanced Analogue Viewer

This is a user interface with a fixed screen containing 13 instruments.

Each instrument reproduction can be changed to one of the more



than 300 other instruments at the push of a button. The choice of instruments is dependent only on sensors and your purchase.

### Standard reproduction

Normally the most important data like speed, depth, compass and GPS will be shown. All instrument and screen modifications are retained at program shut down.

### The Basic Analogue Viewer

This viewer consists of 6 instruments which may be used, as single instruments or as an overlay of all other viewers. Each of these 6 can be adjusted as analogue, digital or graphical instruments and they are fully scalable to maximum screen size.

### Switchboard

By integrating the



FT NavVision™ Switch module it is possible, to use your computer as a switchboard.

24 switches will be shown, which are easily used via touch-screen or mouse.

### Communication

Navigation equipment mostly makes use of its own protocol. To communicate with other equipment input and output use NMEA-0183 protocol.

### Alarms

For all available data it is possible to set up minimum and maximum alarms. As well, general and personal alarms can

be set up independent of each other.

### COM Ports

There are many potential communication possibilities, such as NMEA, Can-Bus, SEA and 'nke'. Ft NavVision Standard will use up to 16 Com Ports to import these data streams simultaneously.

### nke

This equipment takes in a very special place within the software. FT NavVision™ has a direct RS232 connection with the nke Bus, in real-time communication. The software and equipment become as one by this combination.

A virtual autopilot is therefore a possibility and FT NavVision has an nke Virtual Autopilot

### Logbook

All alarms and events will be recorded in a logfile which may be viewed directly. Logged values are stored in a "Comma Separated" File. The data in these log files can be called up and massaged via any spreadsheet program.

### Future

In the near future marine navigation will also support the NMEA 2000 protocol. FT NavVision™ is ready to adopt this new protocol.