

PIKET3000

Integrated Platform Management System (IPMS) is the latest automation system that has various capabilities to achieve unprecedented levels of ship survivability. Integrating these capabilities helps optimizing effectiveness and contributes to crew reduction.



IPMS

Integrated Platform Management System





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IPMS Integrated Platform Management System

IPMS provides following integrated functionalities:

- > Control and Monitoring
- > Alarm Handling
- > Fire Fighting and Damage Control (FFDC)
- > Embedded Close Circuit Television System (CCTV)
- > Ship's Stability Calculation integrated with FFDC
- > On Board Training System (OBTS)
- > Propulsion Control System (PCS)
- > Power Management System (PMS)
- > Embedded Health Monitoring

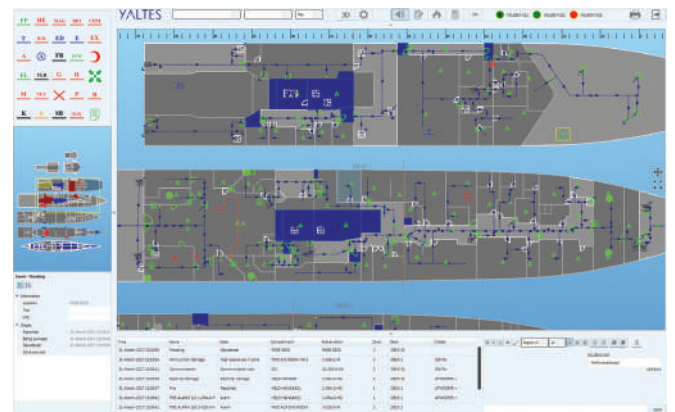
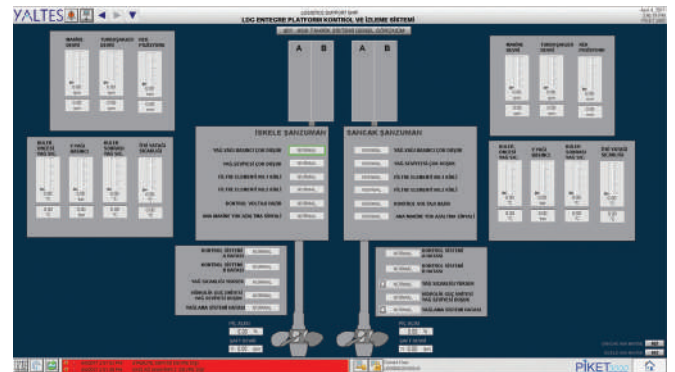
MAIN FEATURES

- > Open Architecture, scalable and modular structure by means of hardware and software helps to adopt all type of platforms.
- > COTS but ruggedized components provide cost efficiency.
- > Reduced manning with the highest level of automation.
- > Highly efficient FFDC by using: Dynamic Kill Cards, 3D GAP (General Arrangement Plan) presentation, Personnel Tracking System and CCTV.
- > Training by using real platform simulation in normal, faulty and damaged conditions with Lesson Planning and Evaluation feature.
- > Automatic sequences help sophisticated platform control functionality for effective and safety use of systems.
- > Embedded Health Monitoring minimizes System's Life Cycle Cost by reducing the efforts and skills required for maintenance.

PIKET3000 Integrated Platform Management System is operational on board more than 20 platforms.

TECHNICAL CHARACTERISTICS

- > Client-Server Architecture
- > 10 Gbps FO backbone
- > PLC/HMI SCADA based
- > Low power consumption ~ 10 KW/corvette class
- > Type Approved of MIL qualified hardware
- > Ergonomics acc. to ANEP-26



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