Fully Integrated Communication System

New family for extended seamless naval communications

Implemented in more than forty Navies worldwide

- Submarine
- Corvette
- Offshore Patrol Vessel
- Landing Platform Dock/Landing Helicopter Dock
- Frigate
- Aircraft Carrier

Téléphone : +33 (0)1 41 30 30 00
Télécopieur : +33 (0)1 41 30 33 57
E-mail : infocatalogue@fr.thalesgroup.com

www.thalesgroup.com
Seamless communications solution extendable to Network Centric Operations

FICS: a solution for the present and the future

Evolution of Naval concept of operation requires multiplatform capabilities including collaborative planning and tasking, sharing of situation awareness and cooperative engagement.

To fulfill this evolution FICS can be extended to encompass Network Enabled Capability for naval, joint and coalition operation.

FICS provides voice and data, internal and external communication with high performance and quality of services to the users. FICS includes connectivity and management facilities for an optimized and seamless access to communications services.

Typical FICS Configuration

- Public networks
- Telephone/Fax
- Broadcast & alarm
- Self-powered telephone
- Video surveillance
- Wireless
- SATcom
- MIDS LVT
- FlexNet-One
- V/UHF
- HF
- Modern
- Encryption
- Voice recorder
- CCMS
- Information and combat systems
- Data terminals
- PC ARQ/MHS
- FIT 10

IP ARCHITECTURE

- Family of systems (standard or extended)
  - Due to its generic design, FICS is scalable to any type of naval platforms (from submarines to surface ships, from patrol boat to aircraft carrier) and is suitable for new build, retrofit and upgrade programs.

- Centralized Management (PARTNER)
  - PARTNER, the centralized communications management system, is a core element of the FICS architecture. It manages all the onboard communications assets and provides high level services such as COMPLAN and SHIPPLAN through a user friendly MMI minimizing manpower and operational cost.

- IP Architecture
  - FICS is based upon an open, modular, distributed and secure IP architecture using COTS and MOTS that is fully adapted to new naval operational environments.

- Advanced operational security and safety
  - Security (access control, security filters, red/black separation, emission control...), survivability, reliability and interoperability are key features of FICS.

- Dual technologies • Interoperability • Joint and coalition
- Operationally proven • From design to turnkey delivery