

Implemented in more than  
forty Navies worldwide



• Submarine



• Offshore Patrol Vessel



• Corvette



• Frigate



• Landing Platform Dock/  
Landing Helicopter Dock



• Aircraft Carrier

**AQUILON**  
Fully Integrated  
Communication System



**> Aquilon  
Fully Integrated  
Communication System**

# Seamless communications solution extendable to Network Centric Operations

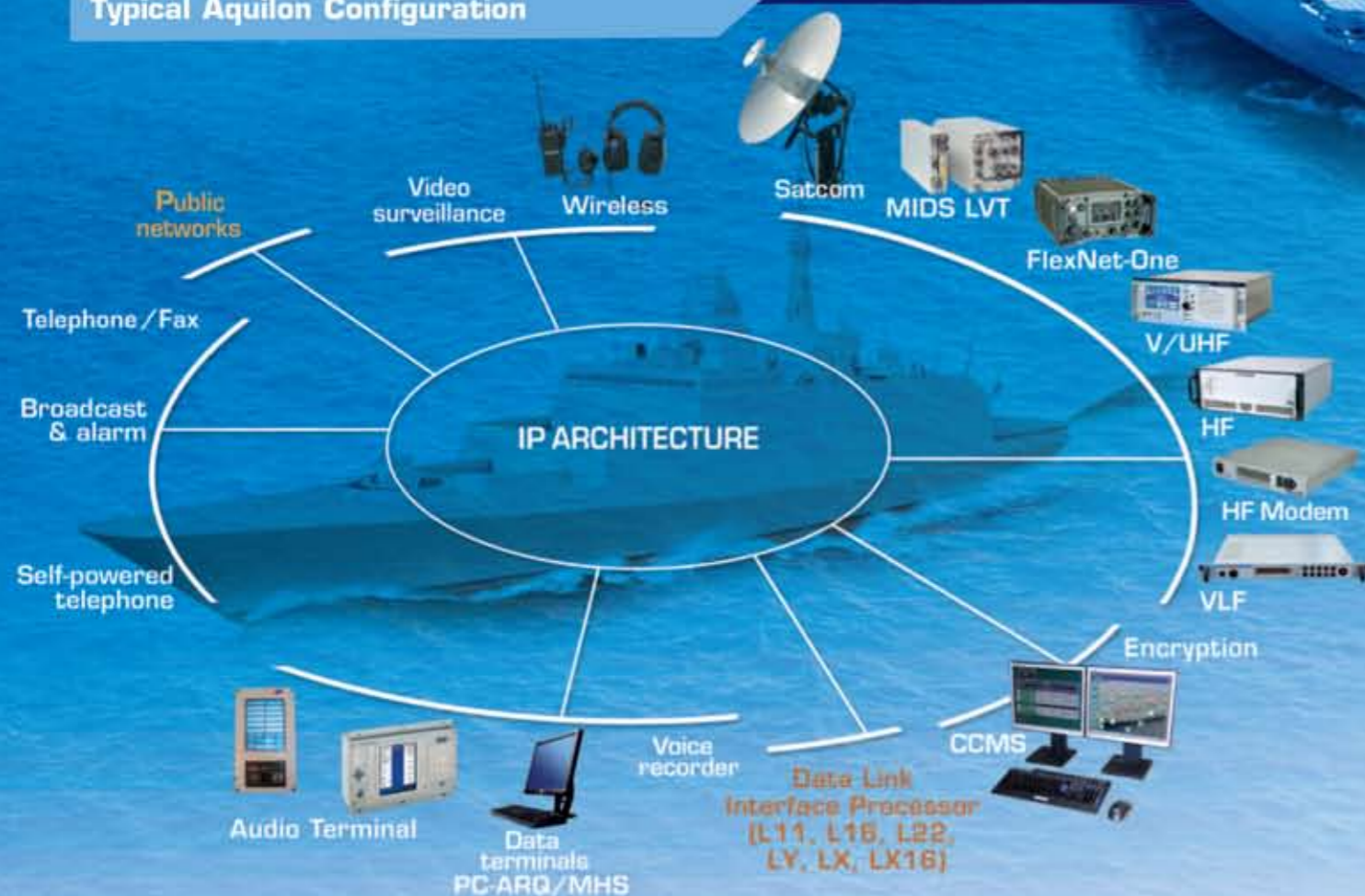
## Aquilon: The operationally proven naval solution ready for the future

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

Aquilon the new Fully Integrated Communication System fulfills this evolution. It can be extended to encompass Network Enabled Capability for naval, joint and coalition operation.

Aquilon provides voice and data, internal and external communication with high performance and quality of services to the users. Aquilon provides a simple friendly user interface to manage and supervise complex communication services

### Typical Aquilon Configuration



#### Family of systems (standard or extended)

Due to its generic design, Aquilon is scalable and already deployed on all types of naval platforms (from submarines to surface ships, from patrol boat to aircraft carrier) and is suitable for new build, refit and upgrade programmes.

#### IP open architecture software

Aquilon 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 Aquilon (EAL4 CC certified).

#### Life Cycle-Cost

Typically, one operator is sufficient to operate, control, and maintain Aquilon. Thanks to its civilian IP communications architecture, Aquilon enables cost effective upgrade solutions.

#### Centralized Management (PARTNER)

PARTNER, the Centralised Communications Management System, is the core element of the Aquilon architecture. It manages all the onboard communications assets and provides high level services such as COMPLAN and SHIPPLAN through a user friendly MMI minimising manpower and operational cost.

#### Naval Network Enabling Capabilities

Aquilon enables platforms to participate in Network Centric Operations and embeds Naval Force Intranet capability.



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

