IFF
CIT-26M/R

An advanced solution designed for naval platforms integration using state-of-the-art IFF technology.

CIT-26M/R: A Secondary Surveillance Radar/IFF System meeting innovation and high reliability
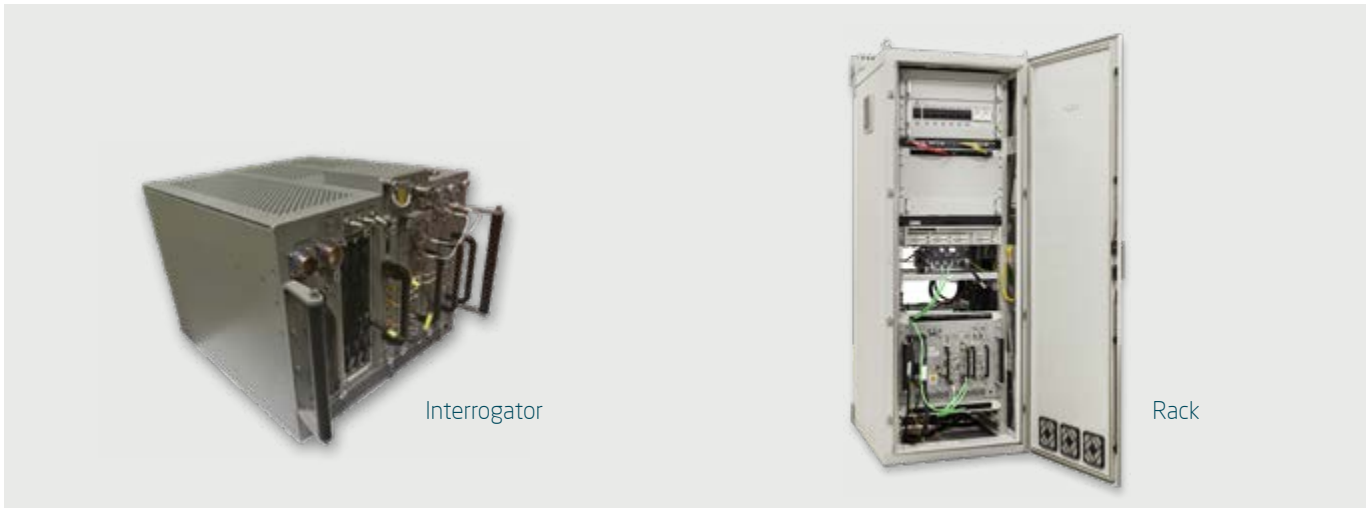
Integration

IFF CIT-26M/R is designed to be integrated in different naval platforms.

Operation

Present with advanced features to provide the best solution in IFF operation.

Security

Designed to be compatible with the standards and normative to assure high security for military operations.

Interrogator

Rack

Naval Platforms

Designed to be integrated on the most demanding naval platforms.

Interrogator antennas
- Mechanical rotating & non-rotating Digital Scanned Array antennas
- Monopulse antennas
- 2 and 3 channels antennas

Interfacing
- Dual Ethernet (copper & optical fibber) for Combat System communication
- Compatible with Serial Line
- NTDS adaptability
- NMEA protocol compliance for navigation data transference

Interrogator

The monopulse interrogator INT-2000ASM is a last-generation IFF equipment integrated in CIT-26M/R that offers the best solution for combined civil and military surveillance, due to its technical features and versatility.

It operates in Modes SIF (1, 2, 3/A, C), Mode S (Level 2 Enhanced Surveillance), Mode 5 (level 1 and level 2) and ADS-B IN.

The Interrogator functions can be totally controlled either locally or remotely through the Combat System. To minimize maintenance tasks, the equipment consists of independent ship-replaceable units (SRUs) which minimizes time in repair actions.

Transponder

CIT-26M/R also includes a T-50 Transponder subsystem designed to carry out the self-identification in presence of any interrogating-platform.

The high versatile capability of the equipment allows it to be installed, also as stand-alone equipment, in any naval platform due to its variable configuration.

The T50 operates in Modes 1, 2, 3/A, C, S (level 2, elementary surveillance), ADS-B out and Mode 5 (level 1 and 2).