

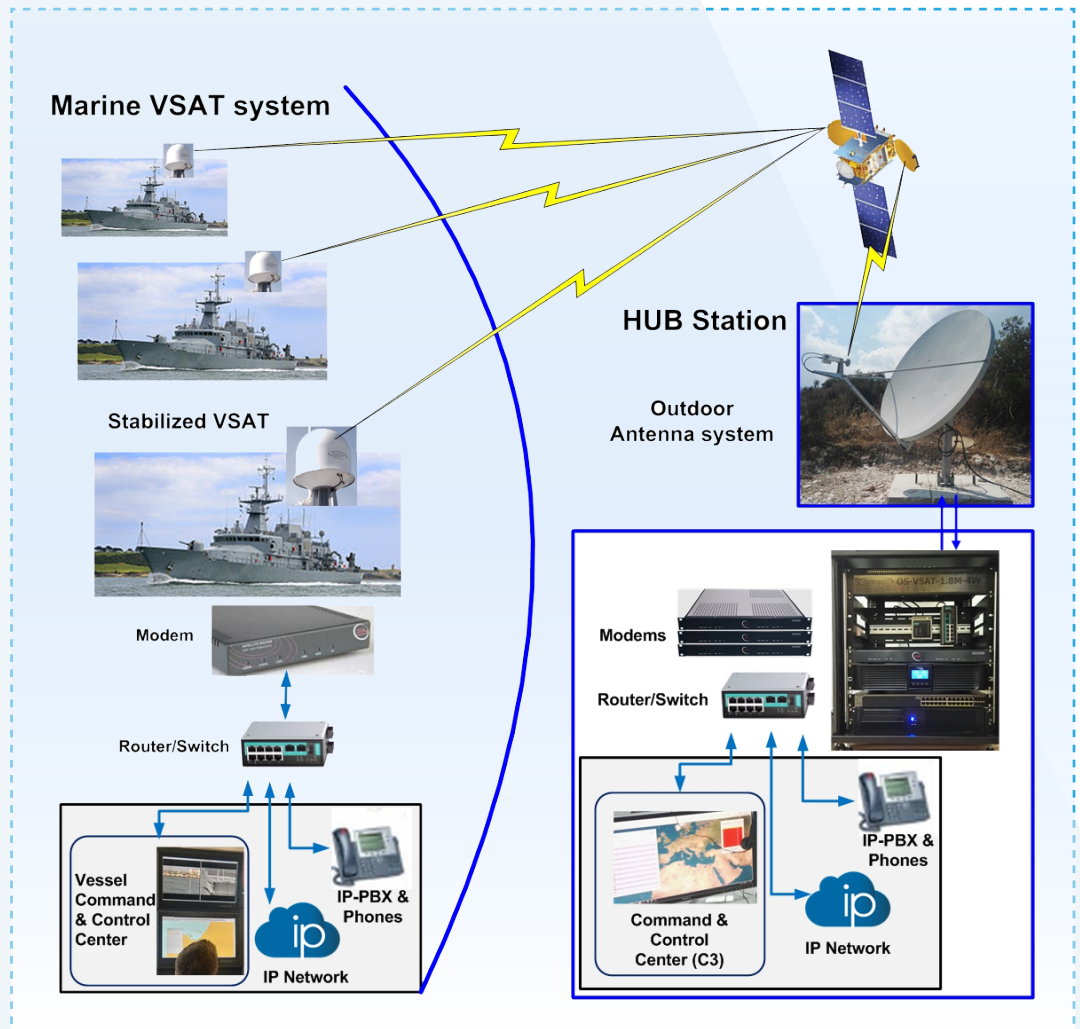
Marine Satellite VSAT Solution

Leveraging tens of years of experience, Over-Sat's team is a "One-Stop-Shop" providing proven and advanced VSAT satellite solutions for Maritime and Naval platforms.

Over-Sat's main strength is to tailor an optimal cost-effective solution that fully meets our customer's requirements.

The VSAT solutions are for Ku-band and Ka-band, both include a variety of stabilized and fixed antennas, modems, BUCs, routers, etc.

Typical Solution Diagram



Description

Over-Sat's typical Integrated Marine VSAT solution includes the following sub-systems and services that can be provided as a whole, or integrated with an existing infrastructure.

HUB Station

Out-Door Antenna System

- Various sizes of reflectors
- Feed assemblies and RF-Front-End
- Different types of BUCs and LNBS
- Antenna pedestal

In-Door Equipment

- Modems (SCPC, TDM, TDMA etc.)
- Router/Switch
- UPS
- Rackmount cabinet

Marine VSAT System

Above Deck Equipment (ADE)

- Stabilized Antennas
- Different types of BUCs and LNBS

Below Deck Equipment (BDE)

- Modems (SCPC, TDM, TDMA etc.)
- Router/Switch
- UPS

Over-Sat's Services

- Installation and Commissioning
- Full Integration with Vessel and Ground networks
- Satellite Airtime Capacity

