



# ORION EDGE V



VSAT alike experience over compact MSS terminal with a dual satcom/GSM mode





**DUAL GSM/SATELLITE  
MODE WITH LEAST COST  
ROUTING**

**BANDWIDTH  
OPTIMIZATION UP TO  
2Mbps USER EXPERIENCE**

**DIGITAL DASHBOARD FOR  
NETWORK MANAGEMENT  
AND CONSUMPTION  
MONITORING**

**CREW CALLING AND DATA  
ACCESS EVEN ON SMALL  
BOATS**

**REDUCED  
COMMUNICATION COSTS**

Large vessels across the globe rapidly adopt new ways of digitalisation, introduced by VSAT communications. Small vessels have no room or space for costly satellite set-up. IEC Telecom challenges those limitations with its state-of-the-art Orion Edge V solution offering a VSAT alike experience over a compact hardware.

## KEY FEATURES

- Bandwidth optimization up to 2Mbps user experience
  - Optimized applications (Emails, video-conferencing, Video surveillance and Automated File transfer etc...)
  - Crew-welfare programs (crew calling and data access)
  - Full visibility from shore (GPS tracking, usage control, and more)
- Orion Edge V supports filtration capabilities that enable HQ to restrict usage of dedicated links in order to ensure the availability of bandwidth for priority communication.

## CREW WELFARE

- Providing crews with the means to connect with friends and family through VoIP calls and social media platforms enhances productivity and morale.
- Consumption-control via vouchers/scratch cards distributed among crew members
- Variable limit on number of simultaneous users through the day (office versus non-office hours)

## SATCOM HARDWARE

- Thuraya Orion IP MSS terminal for data services
- Thuraya MarineStar circuit switch terminal for voice services

## ONEGATE COMPACT

- TCP acceleration and compression for enhanced end-user experience
- Local Dashboard to give full visibility to captain and crew
- Hosting optimized apps to give more efficiency to captain and ease the support
- Users control based on flexible voucher system and advanced UTM security
- Light-weight, mobile and compact racks

## CONSUMPTION CONTROL

- Non-critical usage can easily monopolise a link and weaken the security of the network compromising its ability to serve its original purpose.

## SAVING COSTS

- The value-added services provided by Orion Edge V (filtration, TCP acceleration and bandwidth optimisation) enable both crew and vessel owner to use satcom resources more efficiently which leads to significant cost optimization.
- Dual mode enables vessels to save on communication using GSM link when navigating close to the shore and seamlessly switching to satcom link in open waters at least cost routing
- Orion Edge V comes with flexible plans, enabling service suspension within a short notice period.