

OPTIMIZER CREWCOMM ENTERPRISE

RedPort OPTIMIZER CrewComm ENTERPRISE

Optimizer CrewComm Enterprise manages larger vessels and high demanding environments with a range of network administration functions and added-value services.

The router is a powerful network administration platform, VoIP gateway, router, Wi-Fi access point, firewall, captive portals for both passengers and SMSGlobal CrewCommCenter.

Optimizer CrewComm Enterprise automatically selects among available data connections including optional long-range cellular, Wi-Fi, and all satellite broadband services. Optimizer CrewComm Enterprise optimizes the vessel data usage with onboard E-mail and web compression services, managing the access for both operation, passengers and crew. All features are remotely managed from an onshore web portal, centralizing the IT management fleet-wide.



Key Features

- Network Security & Firewall - manage and control the vessel operation, passengers and crew networks for maximum security. Allows port forwarding, domain-name filtering, network address translation, and detailed whitelisting and blacklisting of websites and services.
- Automatically selects among available data connections to choose the lowest-cost or preferred available data service.
- RedPort VoIP service with world-wide termination and DID numbers for incoming calls. Provides significant data savings over traditional satellite airtime as well as competitive calling rates.
- Passengers captive portal with Internet access control.
- Crew captive portal with Internet access control, domains and DNS filtering, Instant messaging applications and media filtering.
- Private crew E-mail and SMS messaging accounts.
- Captain and Fleet Management accouchement board, world-news & sports.
- Pre-paid PINS and free-to-use billing modules.
- Vessel E-mail - Includes a fully integrated POP/SMTP RedPort mail server.
- GPS Tracking - Reliably track the vessel anywhere in the world.
- NMEA GPS Repeater - locally broadcast your GPS location via Wi-Fi for access by an NMEA compliant device.
- Remote Access - remotely login and manage the vessel networks from any Internet connection.
- Centralized fleet management through onshore web admin portal.



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Main Specifications

Physical	
Size	10.9" x 2" x 5" (277 x 50 x 126mm)
Weight	3.85 lbs (1.75 kb)
Ports	
Ethernet LAN	1
Ethernet WAN	3
RJ-11 Analog	0, 1, 4, or 8
WiFi	
WiFi	802.11 a/g
Max WiFi Range	150.9' (46m)
Storage	
Storage Capacity	8Gb SLC SSD
Electrical	
Power Operating Range	9-18V DC 2A
Rackmount Variation	
Size	19" 1U Rackmount Enclosure
Weight	10.25 lbs (4.65 kg)
Certifications	
Regulatory	FCC, CE, RoHS
Optional LTE Specifications	
4G LTE Category	Cat-6
4G LTE Frequency Bands	B1, B2, B3, B4, B5, B7, B12, B13, B20, B25, B26, B29, B30, B41
3G WCDMA	B1, B2, B3, B4, B5, B8
Peak Download Rate	300Mbps
Peak Upload Rate	50Mbps
Region	Americas, EMEA, and Southeast Asia
Regulatory	CE, FCC, GCF, IC, NCC, PTCRB