

Solution Overview



General overview of Ku-band VSAT

Data rate (shared service)	up to 4096 kbps downlink up to 1024 kbps uplink
Data rate (dedicated service)	available on special arrangement
Voice	available (VoIP)
Service area	regional (seamless roaming possible)
Billing	fixed monthly fee

For making use of VoIP service, extra fee will be charged.

General overview of FleetBroadband

Data rate (shared service)	up to 432 kbps (FELCOM500) up to 284 kbps (FELCOM250)
Data rate (dedicated service)	up to 256 kbps (FELCOM500) up to 128 kbps (FELCOM250)
Voice	available (3.1 k audio)
FAX	available (3.1 k audio)
SMS	available
Service area	global
Billing	pay-as-you-go



PR/ LCR
(Priority Routing/
Least Cost Routing)



Traffic Control




Firewall




IP Routing

Onboard LAN Networks







PR/ LCR (Priority Routing/ Least Cost Routing)
PR/ LCR is the process of selecting the path of communications traffic based on cost, allowing for automatic selection of the most cost-efficient communication line available. It is possible to set VSAT, which is charged by monthly fixed flat rate, as the default communication means, and switch over to other carriers available, like FleetBroadband, WiFi, 3G or similar whenever the VSAT line is down. This way the total cost for communication can be reduced.



Traffic Control
Traffic control is the control of computer network traffic to optimize performance of communication. This can be achieved by setting order of priority for data to be handled (Quality of Service: QoS), and restricting the volume of communication at a time, applications to be used as well as access to certain contents.



Firewall
A firewall is designed to permit or deny network transmissions to protect networks against unauthorized access by malware from the public Internet, i.e., computer viruses and keyloggers, while permitting legitimate communications to pass.



IP Routing
IP routing is a set of protocols to facilitate IP connection between onboard network and the public Internet.