# 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.



PR/ LCR (Priority Routing/ Least Cost Routing)



Traffic Control



Firewall



**IP Routing** 

#### General overview of FleetBroadband

FUDUNO

up to 432 kbps (FELCOM500) up to 284 kbps (FELCOM250)
up to 256 kbps (FELCOM500) up to 128 kbps (FELCOM250)
available (3.1 k audio)
available (3.1 k audio)
available
global
pay-as-you-go

### **Onboard LAN Networks**



IP phone



Internet / email

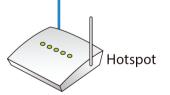


Pre-paid call



Kiosk PC









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 avalable. It is possible to set

VSAT, wich 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.