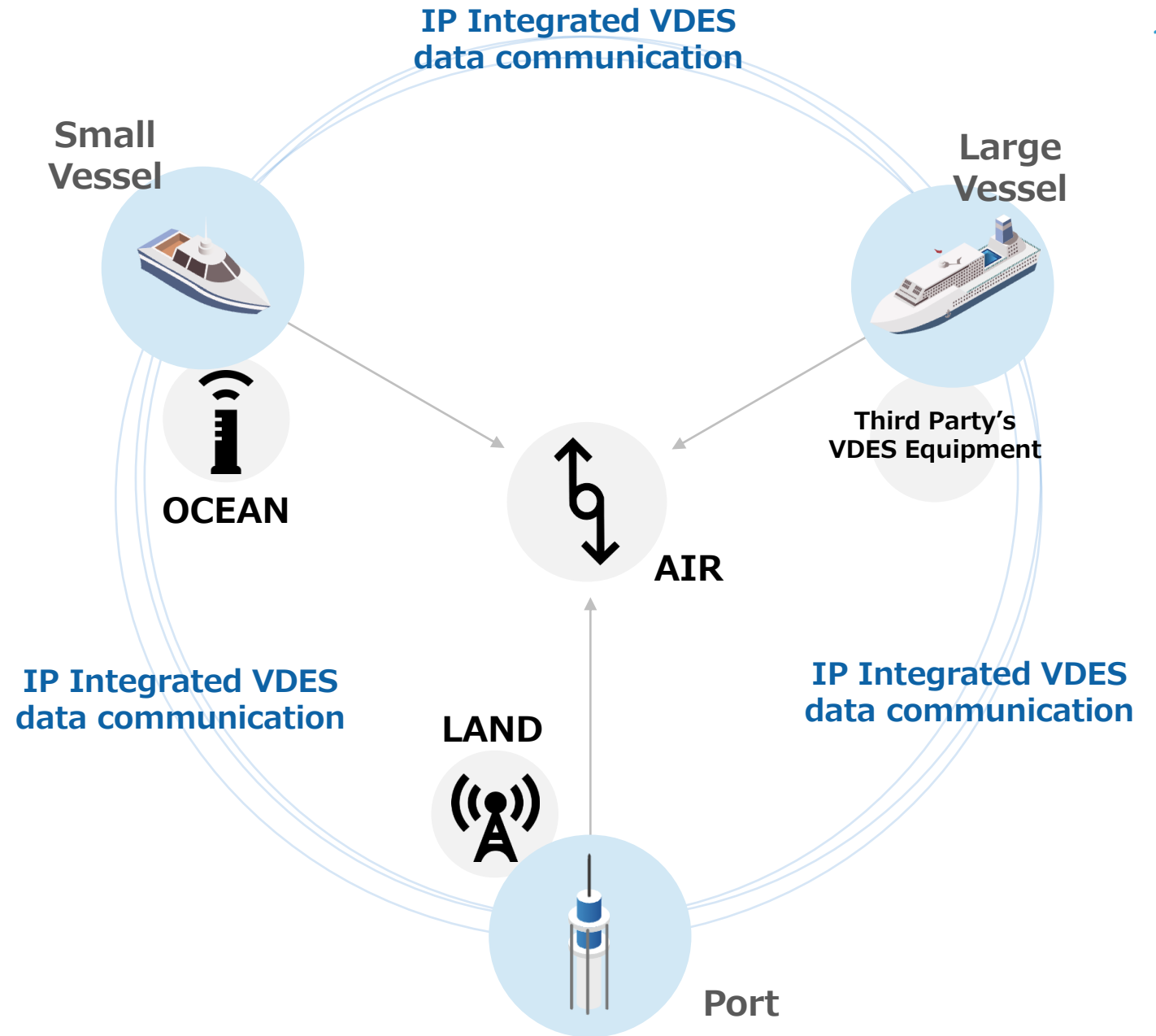






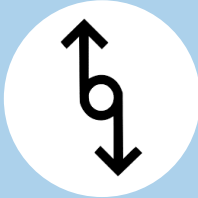
Realization of **Smart Ocean**
by integrating VDES and IP

CoastaLink[®]



Three Solutions of CoastaLink®



	 LAND VDES Coastal Infrastructure Service	 OCEAN VDES Transponder Rental Service	 AIR VDES Communication API Service
Users	Japan Coast Guard Local Government Ministry of Defense	Small Ship Operators	Maritime Service Providers
Functions	Broadcasting, Transmission, Reception, Collection of Vessel Location Information , Navigation Information Broadcasting	Direct Communication Capability with Large Vessels and Ports	Data Transmission and Reception Service for Vessels
Billing Schemes	Annual Subscription	Daily Subscription	Pay-As-You-Go per Connection

*Assuming 100 accesses per voyage



LAND

Potential Users: 15,410 ports
(103 thousand USD/year/location)



OCEAN

Potential Users: 40 million ships
(17 USD/day/set)

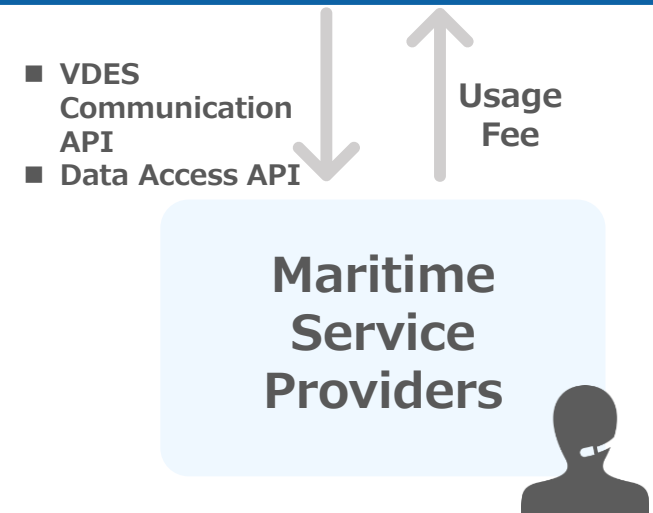
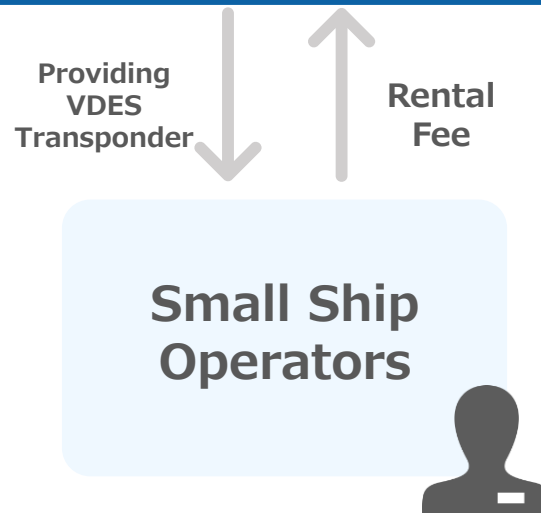
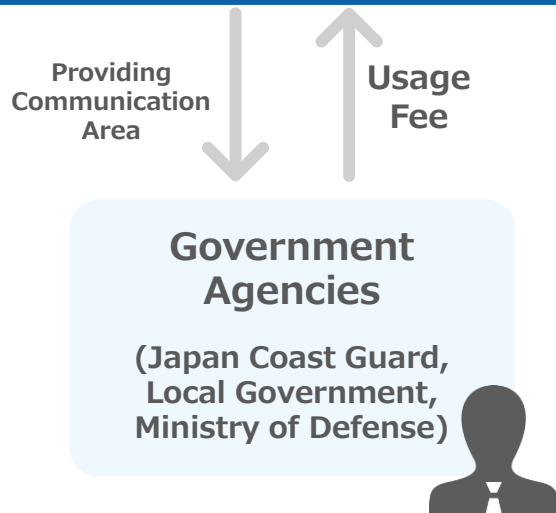


AIR

Potential Users: 40million users
(70 ¢/connection *)



Future Quest

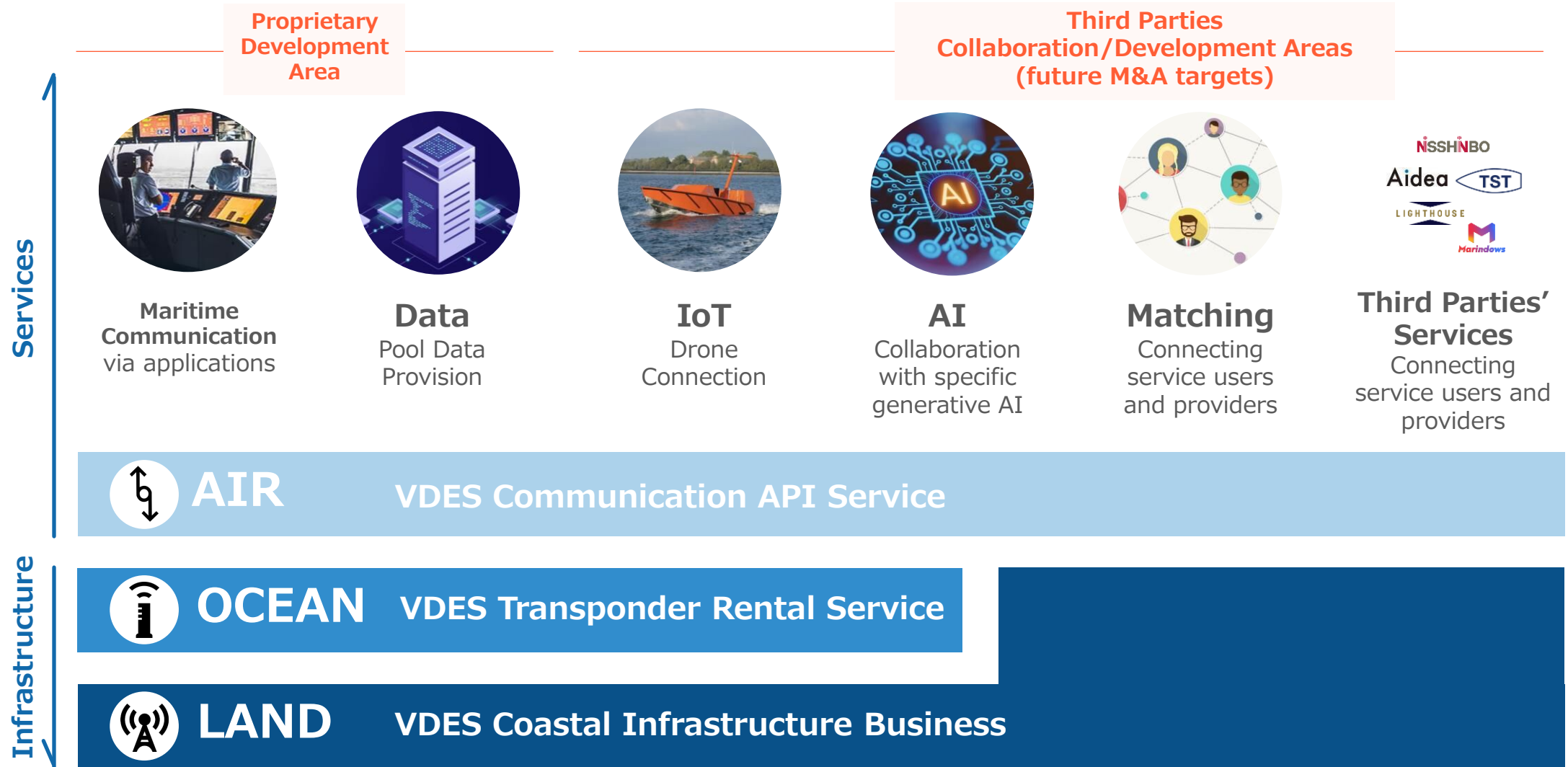


*Assuming 100 accesses per voyage

Overview of Future Quest's Services



Developing business in three layers, connecting fragmented communication methods and opening up the maritime DX market.





Consulting Service

- ✓ Maritime Communication Consultation
 - ✓ Other Research Services
 - ✓ Lectures
- etc.



Software Development

- ✓ Software for Maritime Communication
 - ✓ Ship Location Information Software
- etc.

