



ORiON Plus

Control of communication traffic
of crew internet with
“TICKET SYSTEM”

ORCA CO., LTD 2016



Conventional methods #1 : Controlled of communication traffic with " USER ID "

Strong point

- ➔ Controllability even individual user volume

Weak point

- ➔ Cumbersome to management of ID.
as Crew member's alternation,
Captain bears the burden.
- ➔ A risk of hacking of ID & PW





Conventional methods #2 : Controlled by total traffic of communication

Strong Point

➔ Reduced burden of Captain remarkably

Weak Point

➔ Unfairness: some crew can use the service enough, others can't . Due to limitation of communication traffic.





New management system with controlling by ID and resolving an issue of total traffic amounts.

 Controlled with TICKET issuing

- Knowing available / remaining data amounts.

- Unexpired

e.g. ticket issuing

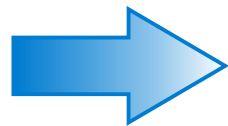
Ticket Number:	Remaining data amounts:	Expire Date:
143628971431	30MB	29 th Feb, 2016





Operation procedure #1

▪ Captain issues the ticket and distributes to each Crew members



Printing out and distributing the TICKET.

e.g. ticket issuing

Ticket Number:	Remaining data amounts:	Expire Date:
143628971431	30MB	29 th Feb, 2016
Ticket Number:	Remaining data amounts:	Expire Date:
143628971432	30MB	29 th Feb, 2016
Ticket Number:	Remaining data amounts:	Expire Date:
143628971433	30MB	29 th Feb, 2016





Operation procedure #2

- Crew just login with the number on the ticket.

➔ After login, remaining data amounts is shown

LOGIN

Ticket Number :

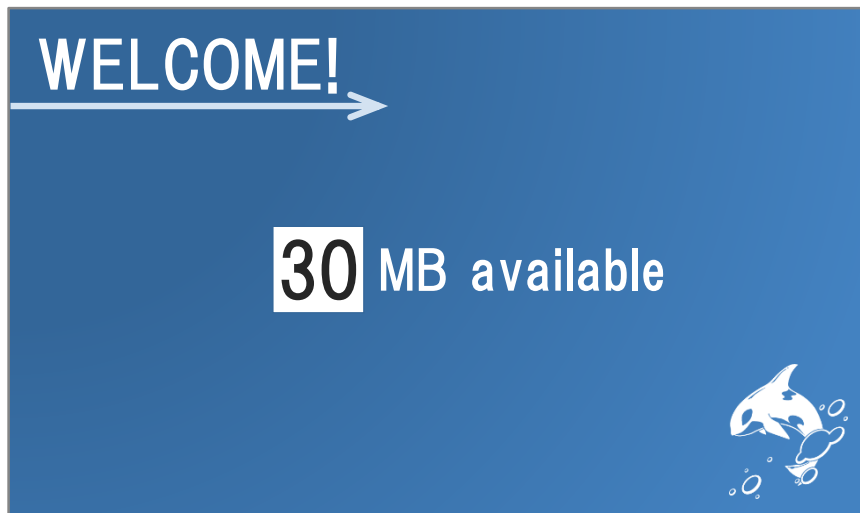
ENTER





Operation procedure #3

 Terminate with using up remaining data amounts





Strong Point #1

- **Controlled of ID & PW is unnecessary : only Ticket Issuing.**
- **Simple and easy operation for users.**
- **However, controllable completely of user data traffic.**

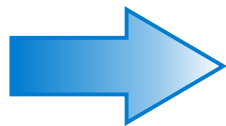




Strong Point #2

- the TICKET is transferable among crews

- Issuable an additional TICKET for a fee if crew wants



In this case, the excess communication fee passes to management company.





Things Captain can control...

- Issuing TICKET and printing out the list
- Knowing current available / remaining data amounts
- Issuing of additional TICKET
- Suspending internet access





Recordable items on ORiON Plus...

▪ each TICKET' S...

- Issued date
- Issued communication traffic amounts
- Remaining data amounts
- Valid date
- Current status





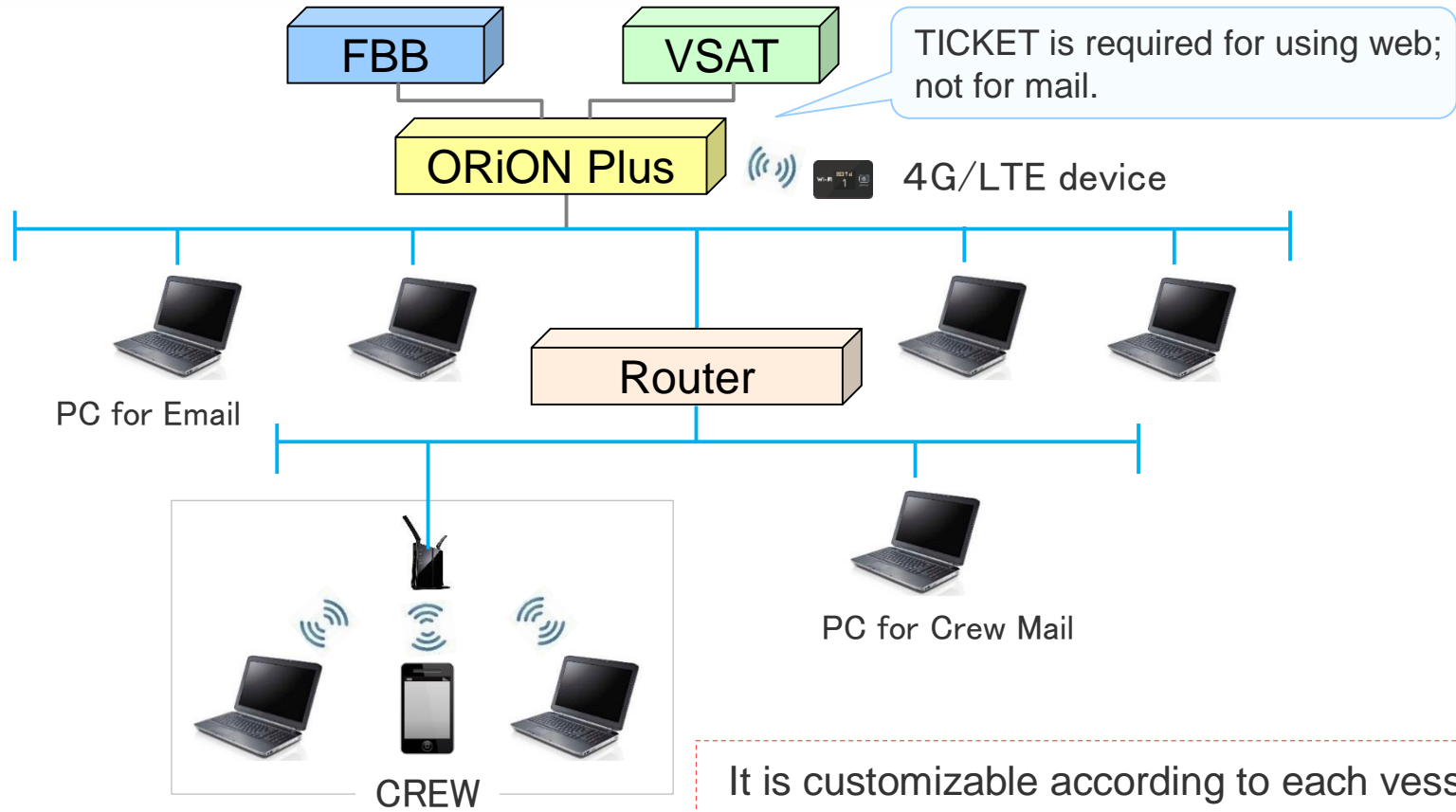
Settings items of ORiON for administrator...

- Communication traffic units by each Tickets
- Valid date (month or date)





For introducing " TICKET system "



It is customizable according to each vessel's needs. Please feel free to contact us.



We look forward to hearing from you soon.



ORCA CO., LTD.
Simple & Effective