

| **Why Open RAN?**

| **Why OREX?**

| **How Will OREX Shape the Future?**

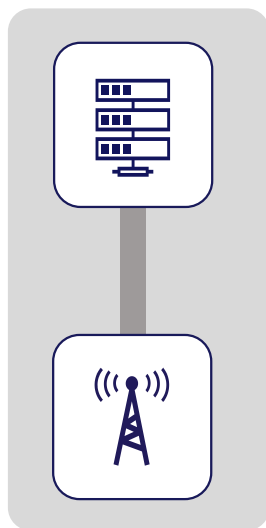
Sadayuki Abeta

OREX evangelist, Global Head of Open RAN Solutions,

NTT DOCOMO,INC.

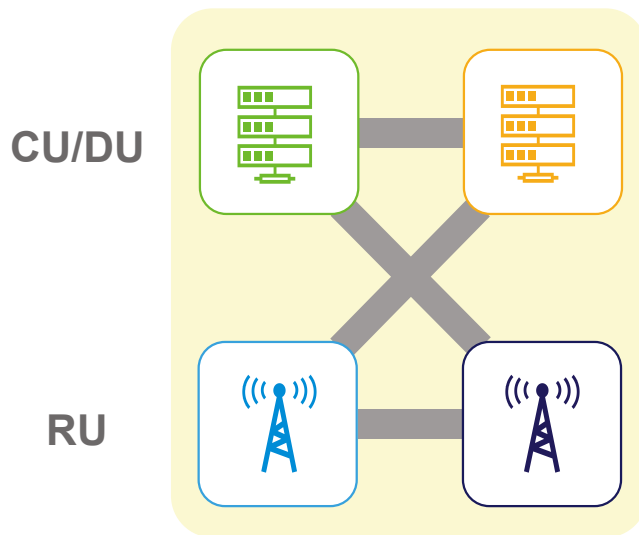
Best-of-breed Solutions

Traditional RAN



Provided by
Single vendor

Open RAN



Freedom to select
the best vendors

Select the best solution

On cost and performance

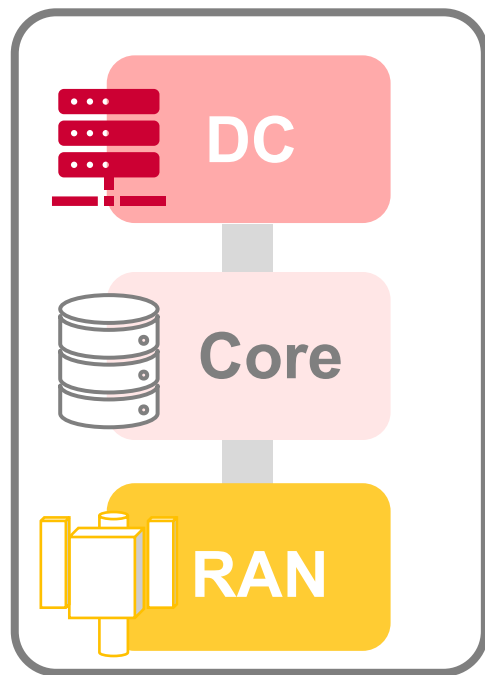
Mitigate supply chain risk

Easy add or replace vendors

Avoid vendor lock-in

More Cost-effective Network

Traditional NW



Open RAN

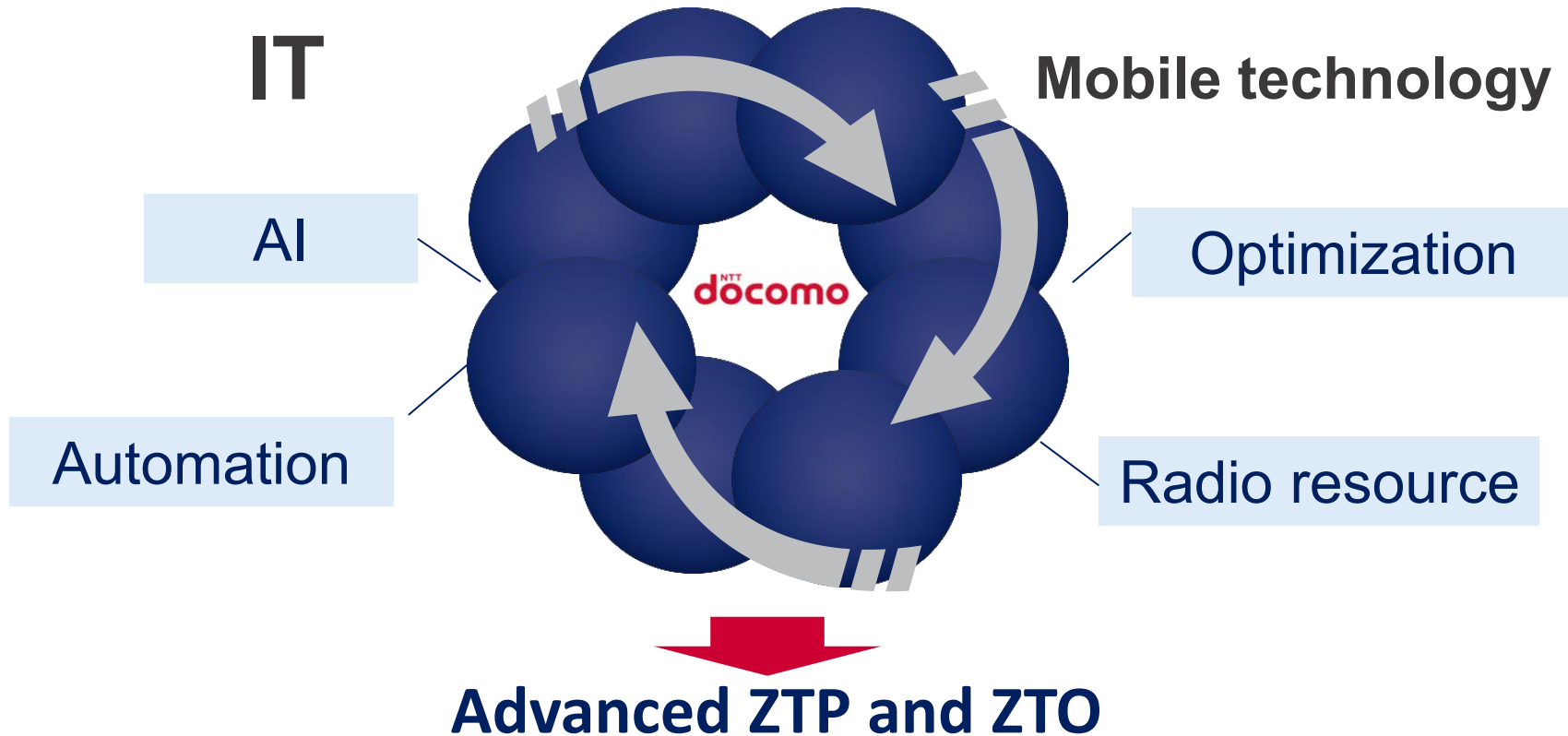


Achieve Large pooling by centralized RAN

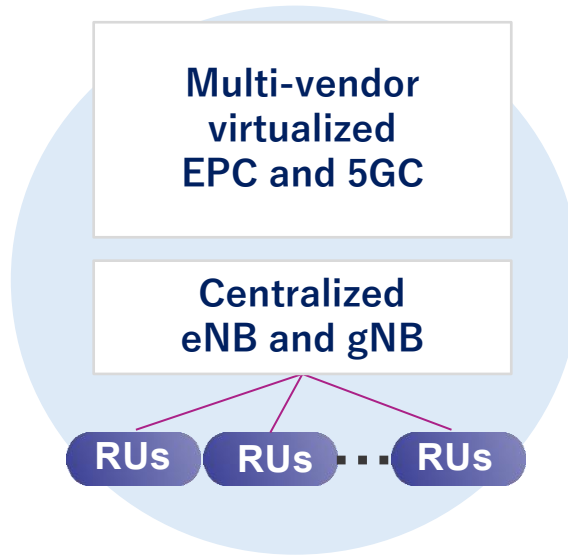
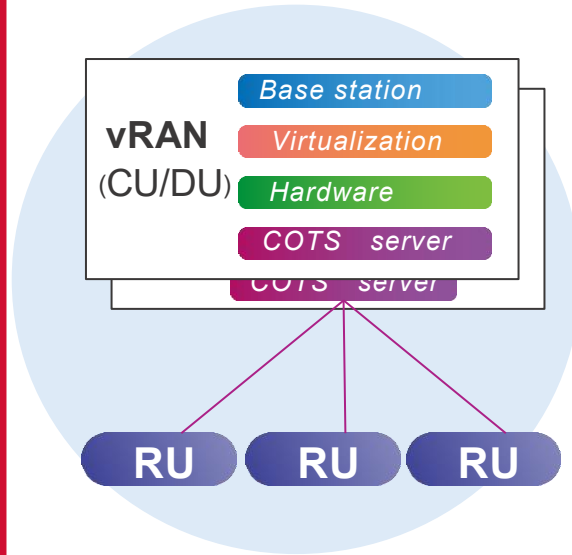
Share resource across RAN, Core and DC

Reuse HW for multiple purposes

Fusion of Mobile and IT



OREX Maximizes Open RAN Benefits

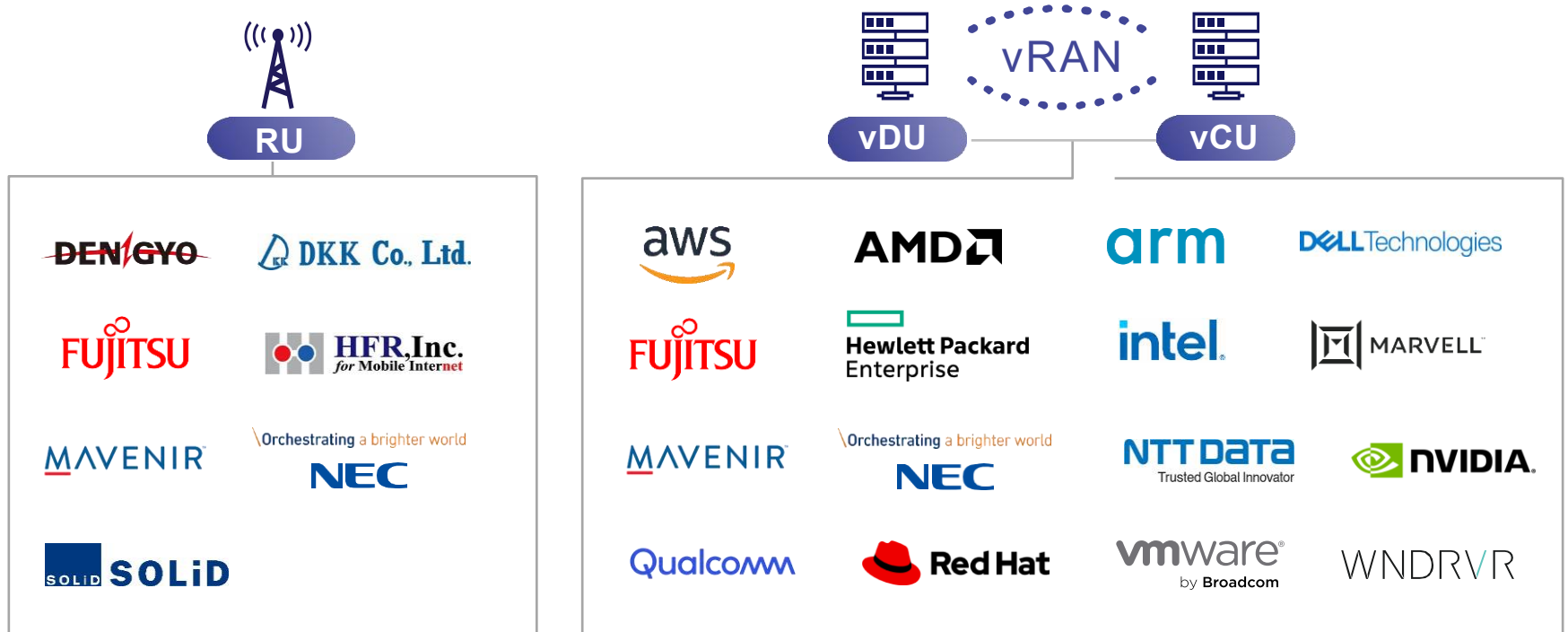


1 True multi-vendor ecosystem

2 DOCOMO's expertise in Open RAN

3 True open innovation with multiple partners

OREX Maximizes Open RAN Benefits



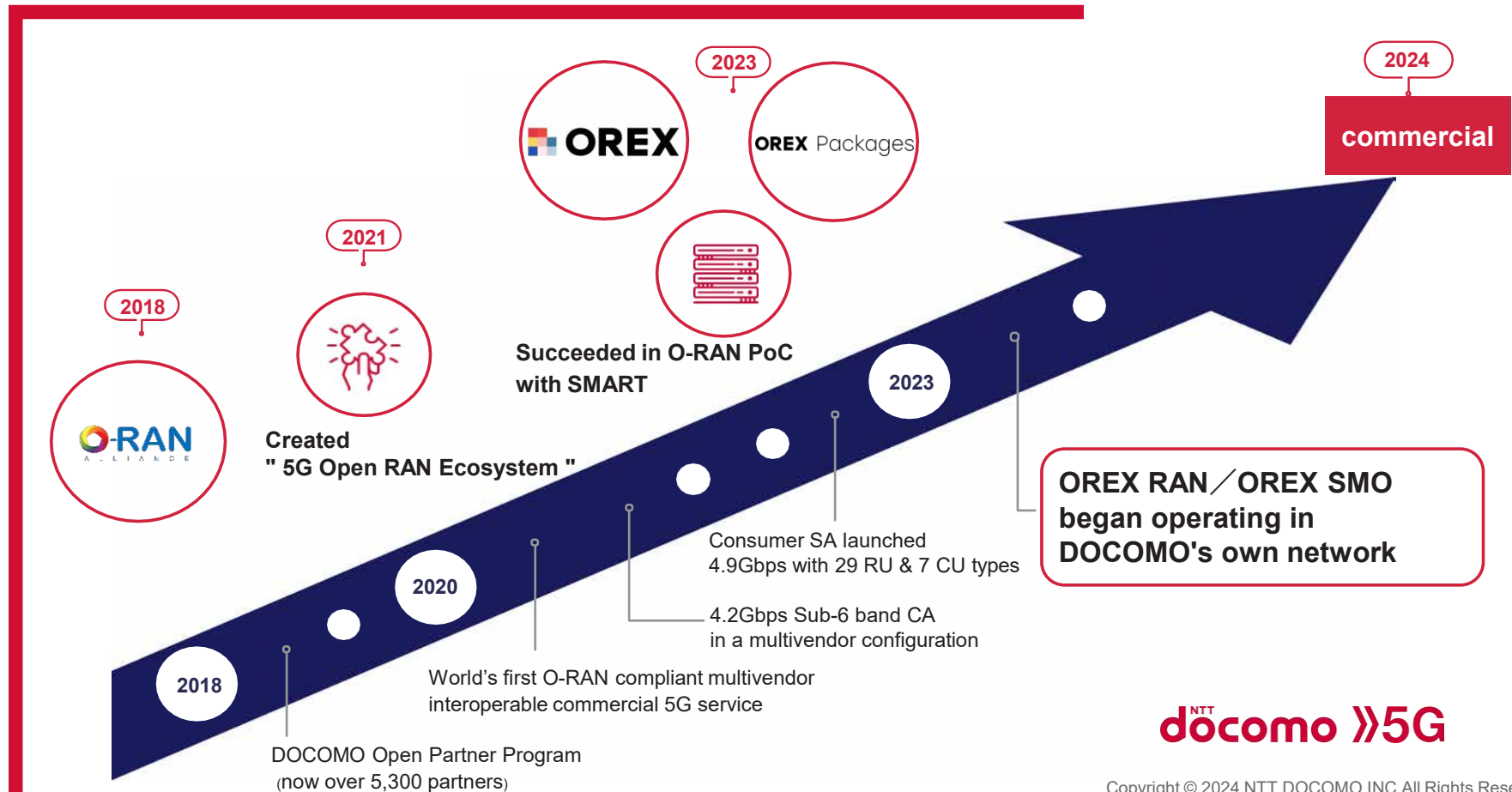


DOCOMO's OREX & 5G Open RAN Journey



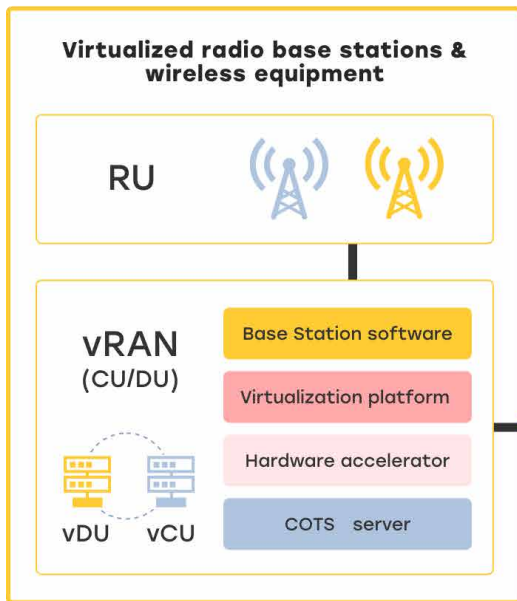
OREX

NTT docomo

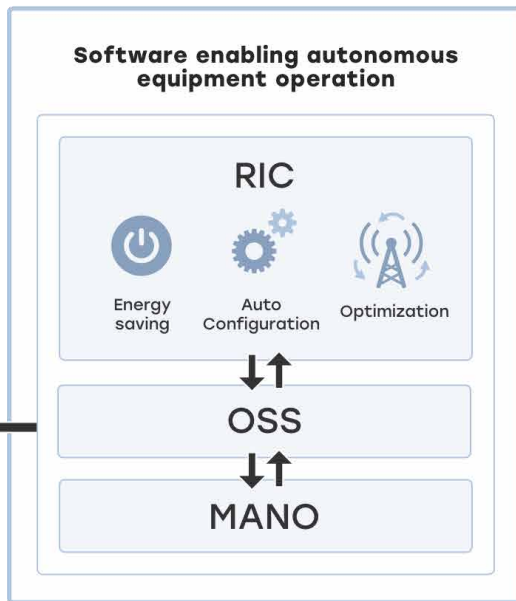


OREX Packages

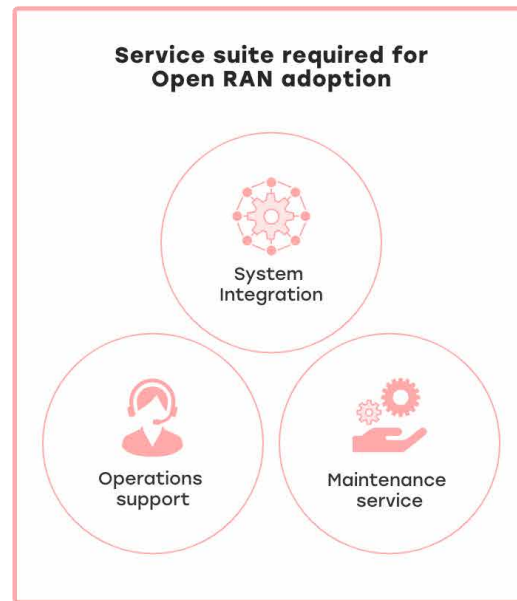
OREX RAN



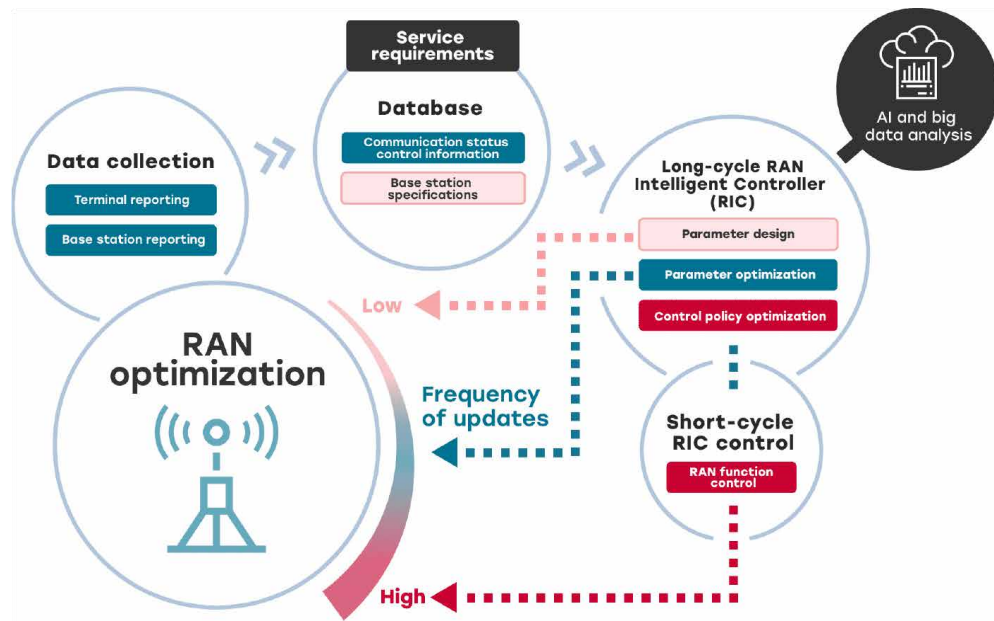
OREX SMO



OREX Services



OREX SMO



Energy Saving



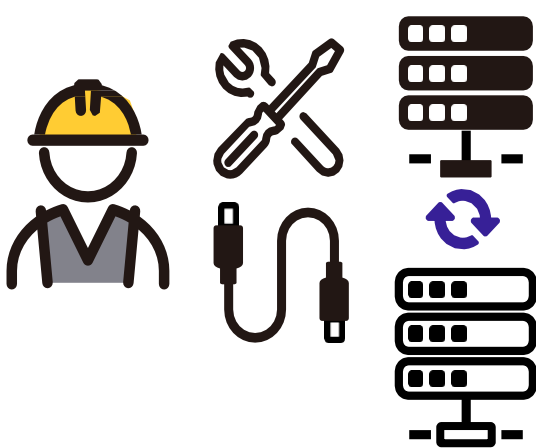
ZTP / ZTO



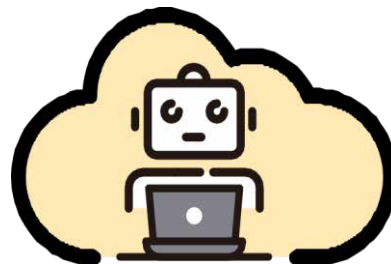
Network Performance

OREX Services

From local to remote and automated support



Set-up (Day1-2)



Turnkey solution

Japan quality operation, administration and maintenance

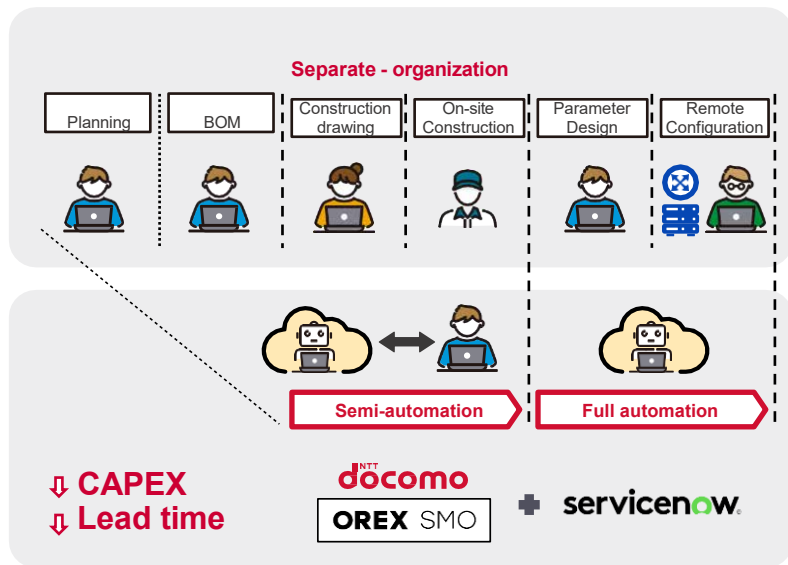
Short delivery and recovery time

Utilizing automated workflow for construction and AI/ML

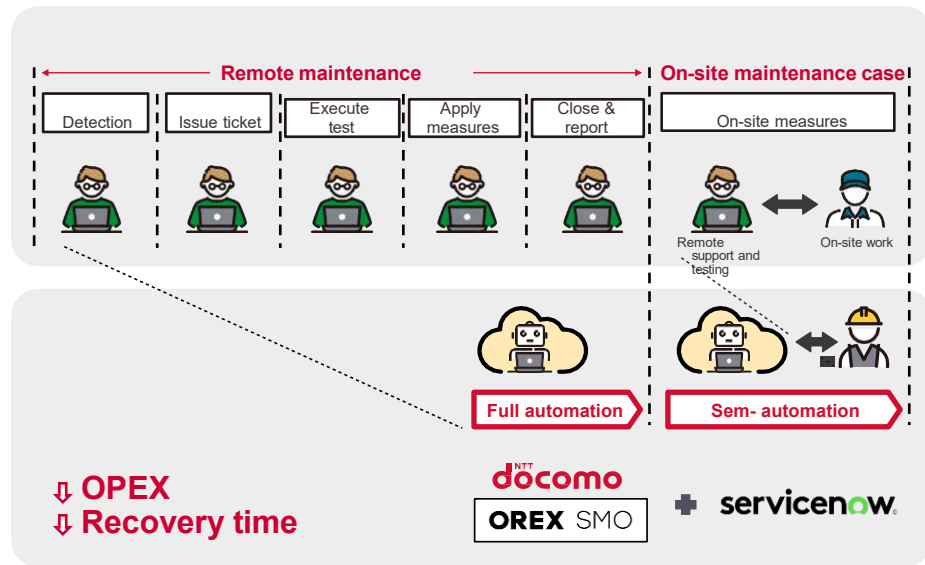
OREX Packages

OREX Services utilize ZTP and ZTO with OREX SMO, together with 3rd party solution (ServiceNow)

ZTP



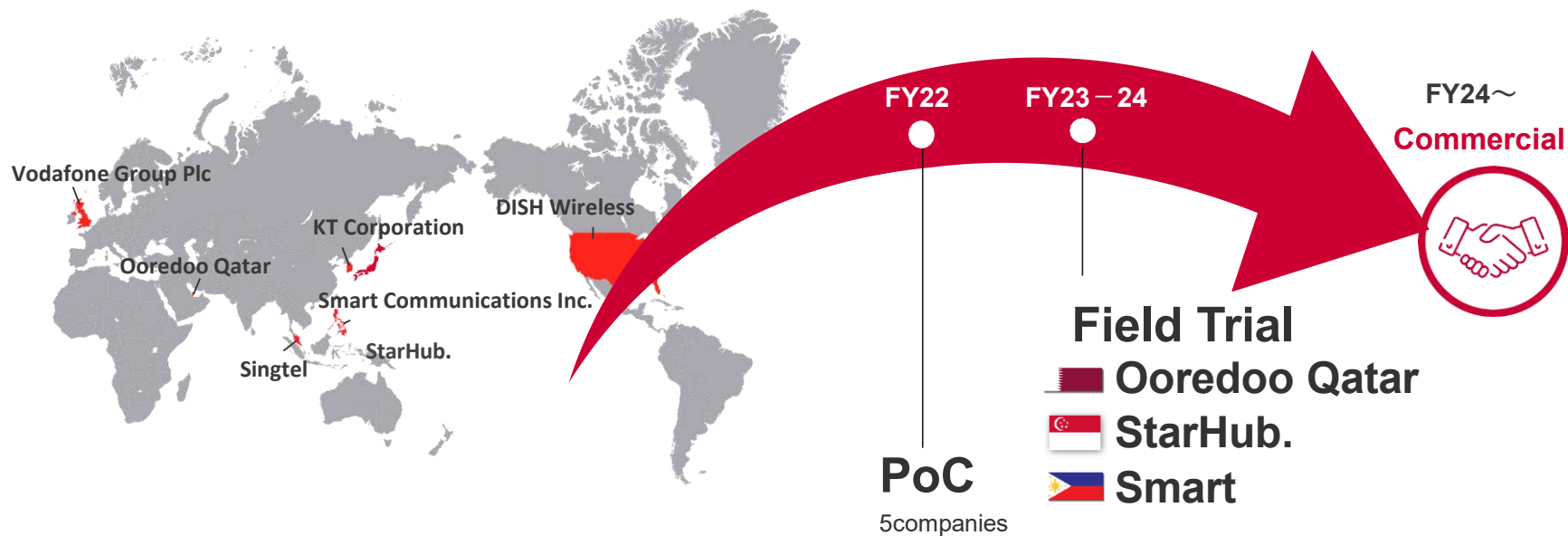
ZTO



Live demo in DOCOMO booth

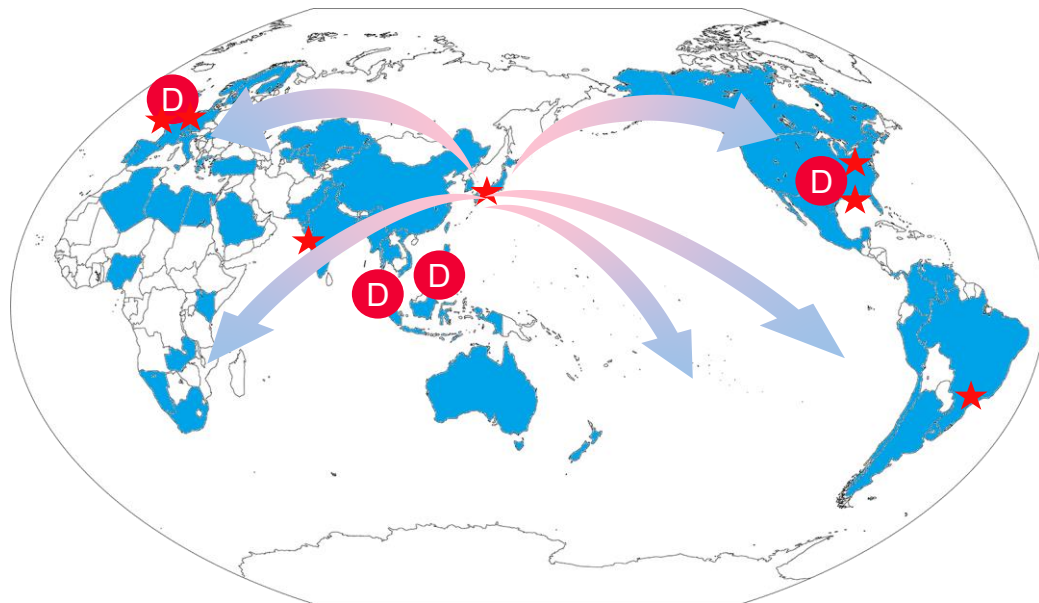
Prospects

Preferred Open RAN partner for global mobile network operators





Prospects

Speedy deployment of Open RAN around the world will be possible, by building a local sales system centered around NEC's global bases.



OREX SAI

NEC's global base : 
Global 5G business base : 
DOCOMO base : 