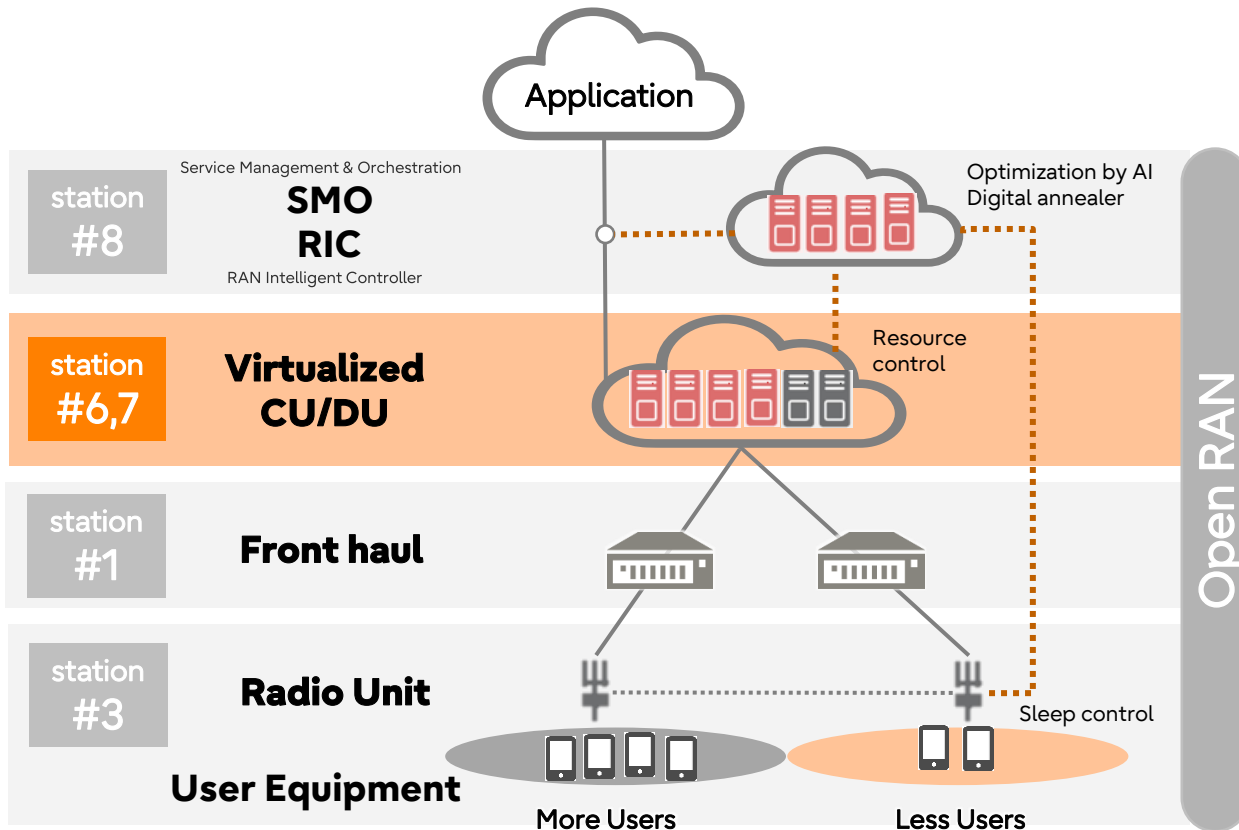




FUJITSU vRAN Solution



Fujitsu's end-to-end Open RAN solutions



5G vRAN AIO(All In One) Edge Solution



Fujitsu 5G utilizes GPUs to AI processing and 5G processing on a single server



Realization of extra-low latency services

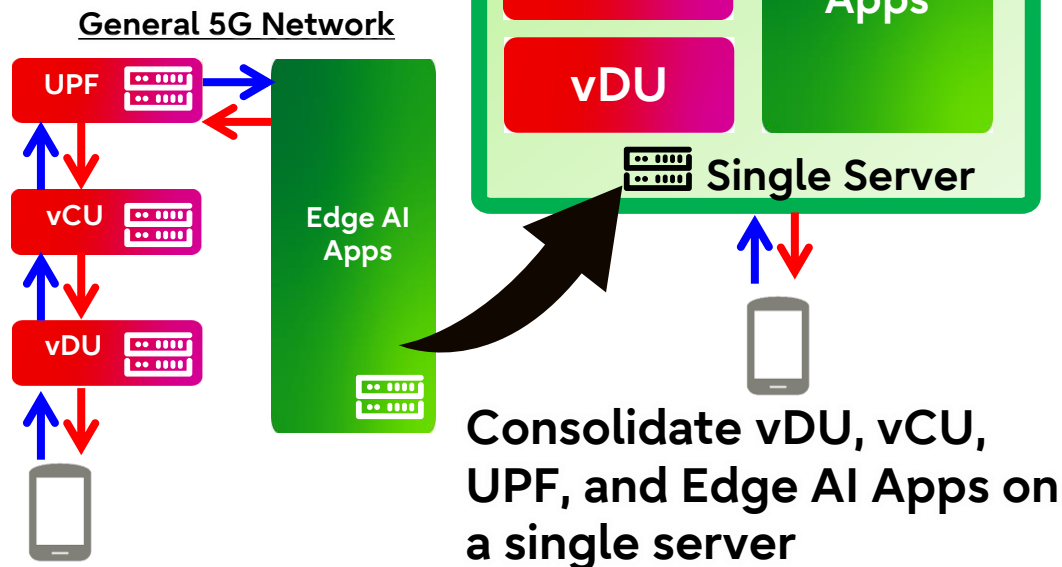


Realization of small start of services

The technology for this product utilizes part of the results of the "Research and Development of Enhanced Infrastructures for Post-5G Information Communication Systems" (JPNP20017) of the New Energy and Industrial Technology Development Organization (NEDO).

5G vRAN AIO(All In One) Edge Solution

5G vRAN AIO Edge Solution



**Enterprise services
with extra low latency**

Smart places



Industrial



Media & Entertainment



Retail



5G vRAN AIO(All In One) Edge Solution



- Optimal co-existence of 5G processing and AI processing on a single server by sharing compute resources
- Small start-up of services with a single server

5G vRAN technology portfolio

- Fujitsu vRAN(vCU/vDU) software handle a variety of use cases.

MWC exhibition booth

AIO vCU/vDU/5GC



All in One 5G

Edge computing

SMO and slicing ready

vCU at central office



vDU at cell site



vDU at cell site

Rural~Urban

vCU/vDU at central office



High scalability and capacity

Dense Urban

Enterprise deployment

Distributed Carrier deployment

Centralized Carrier deployment



Carbon Neutral

Dynamic resource allocation using digital annealers & AI technology to save power



Edge Site Reduction

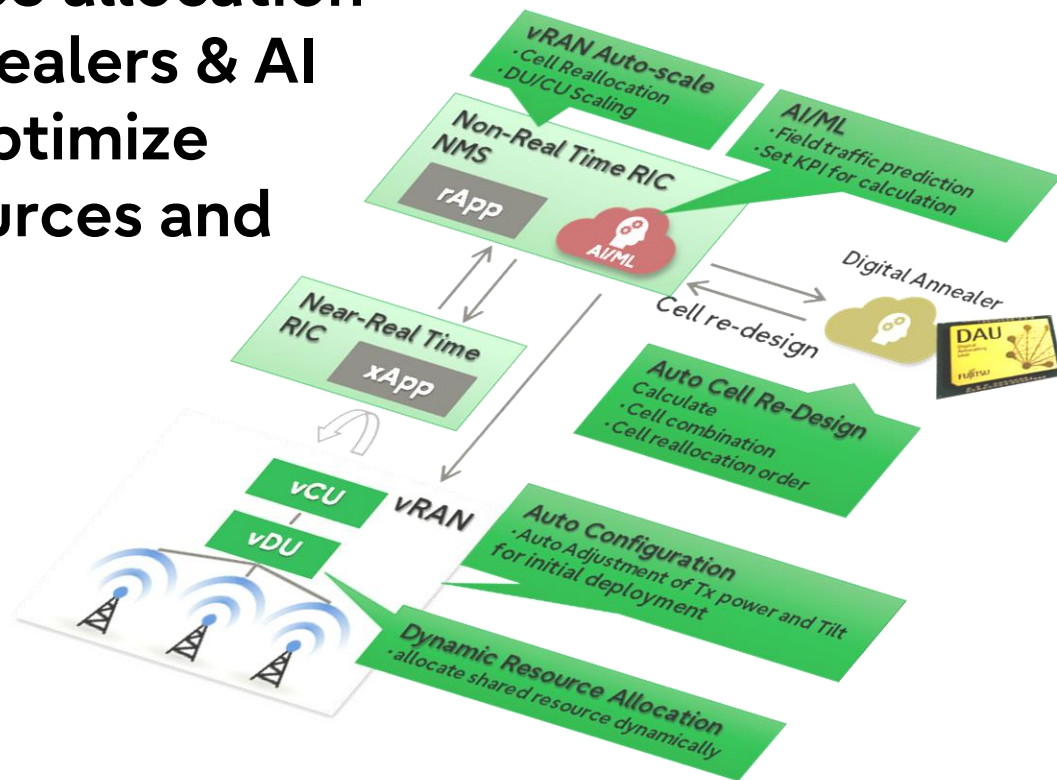
Reduction by extending fronthaul and reducing L1 and L2 processing time



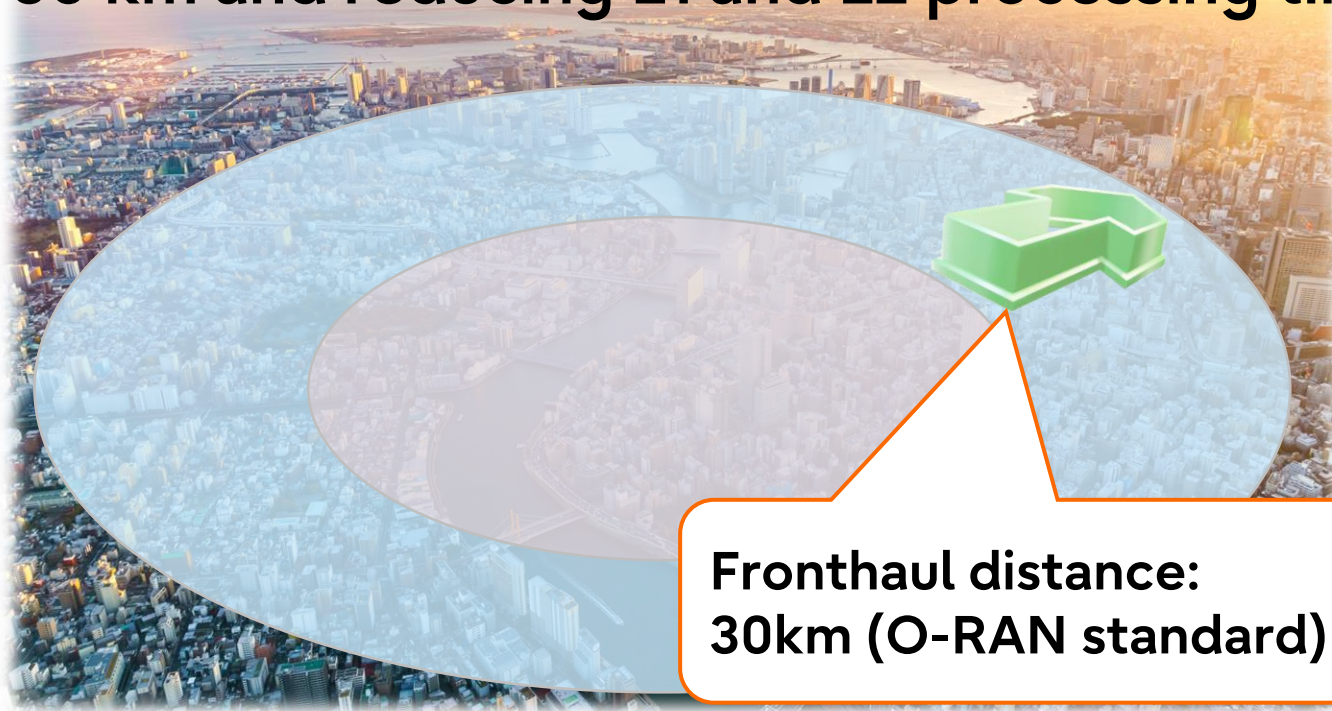
Service Deployment with less equipment

Minimizing equipment by maximizing the performance of accelerator cards.

- Dynamic resource allocation using digital annealers & AI technology to optimize computing resources and save power.

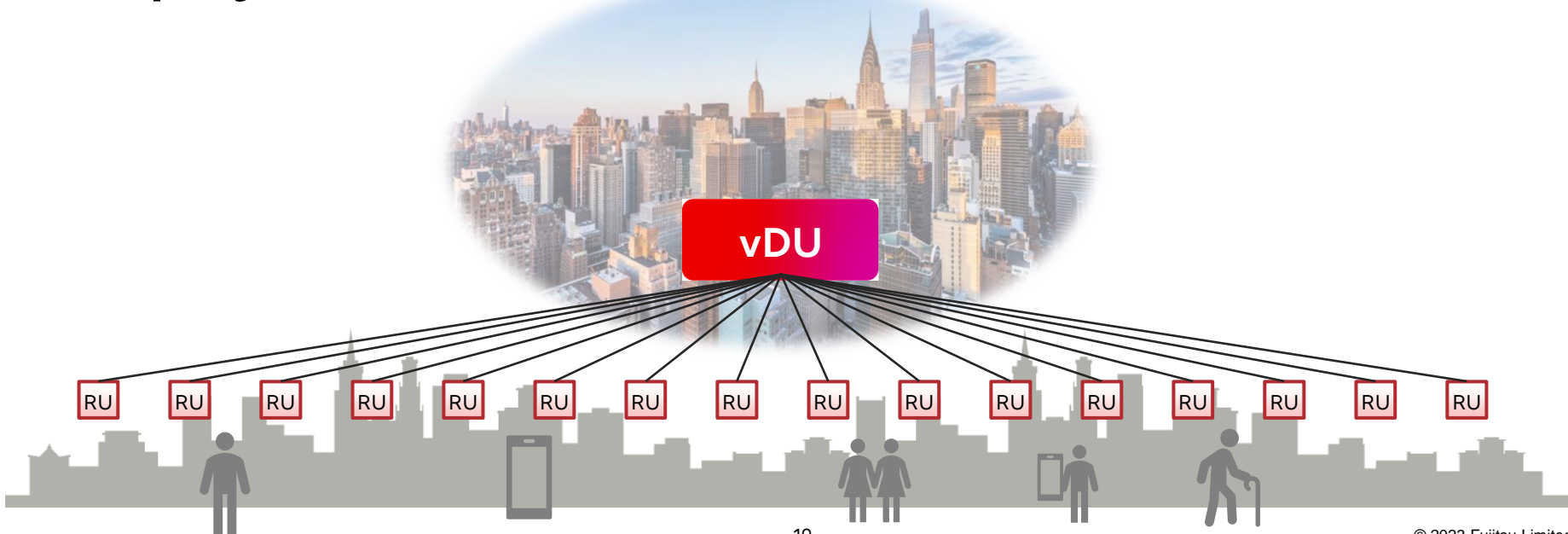


- Minimized number of Edge sites by extending fronthaul up to 50 km and reducing L1 and L2 processing time



**Fronthaul distance:
30km (O-RAN standard) -> 50km**

- Minimizes equipment on site by maximizing the performance of accelerator cards. Space-saving service deployment can be achieved.



Thank you

