

Global Expansion of Private 5G and Solutions

– Flexible deployment supported with O-RAN –

NTT DOCOMO, INC.

Stability

Not affected by traffic
from external networks

Flexibility

Network construction
as necessary

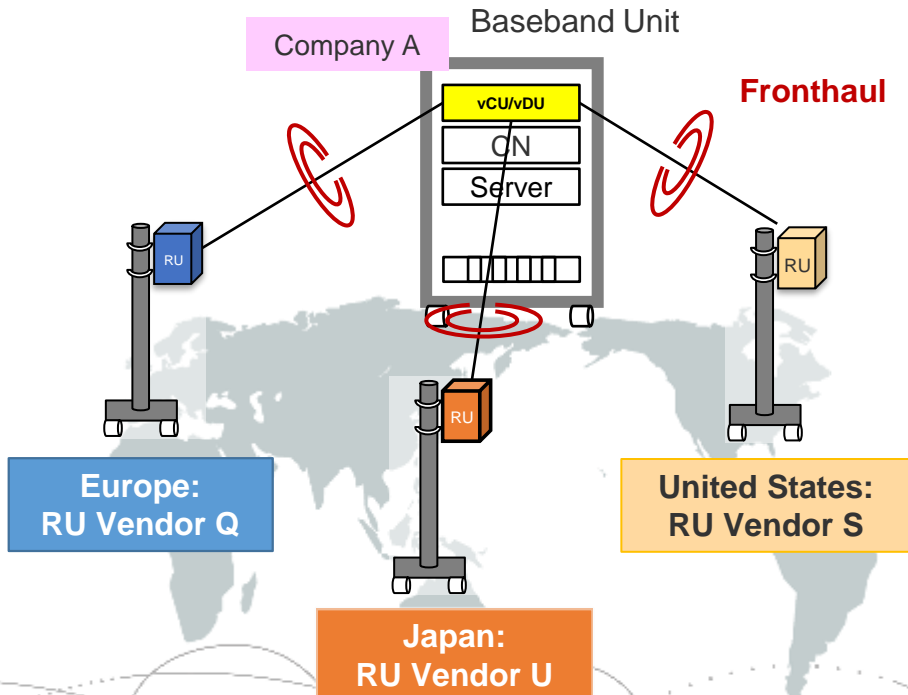
Independence

Freedom from dependence
on public 5G networks



**Work with RU vendors worldwide
to accommodate different frequencies**

**Build networks optimized
for solutions and locations**



RU vendor products



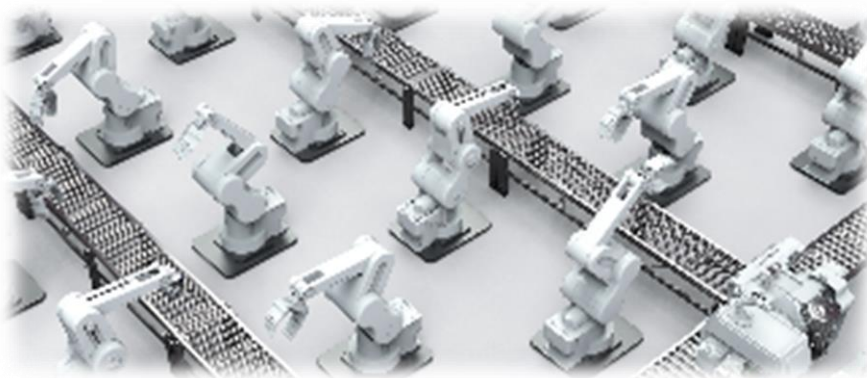
DOCOMO products



Verification of highly reliable 5G networks for production-control system in factories

FANUC Headquarters (Yamanashi Prefecture)

5G connections and radio control for industrial equipment (CNC devices, robots, machine tools, sensors, etc.) in factories



Hitachi Omika Works (Ibaraki Prefecture)

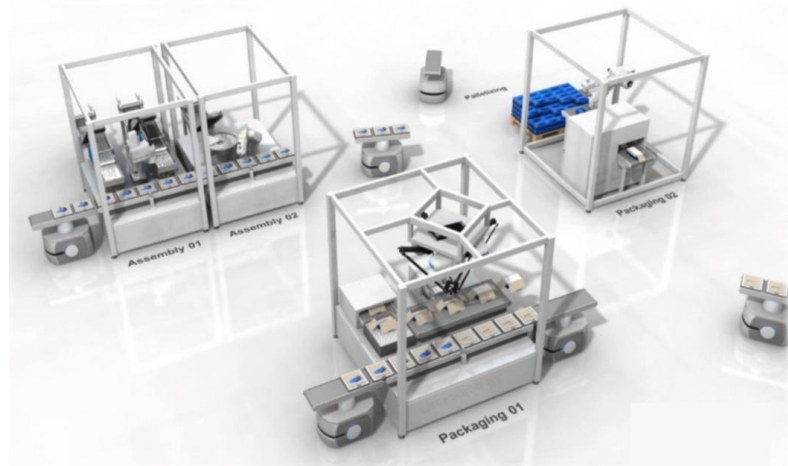
Demonstrate applicability for control networks and confirm real-time sharing of high-definition video for remote assistance



Flexible production lines and use of AI & IoT for real-time coaching

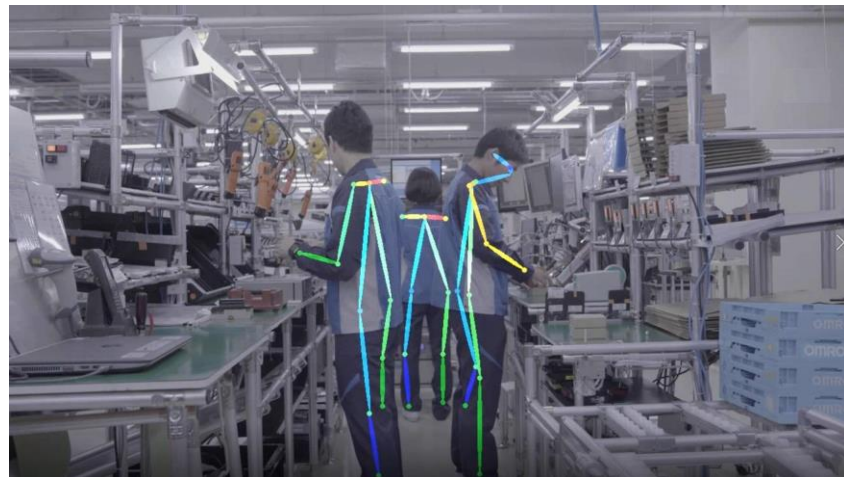
Flexible production lines

Incorporate automated guided vehicles (AGVs) for faster production and enable manufacturing line layouts to be changeable quickly



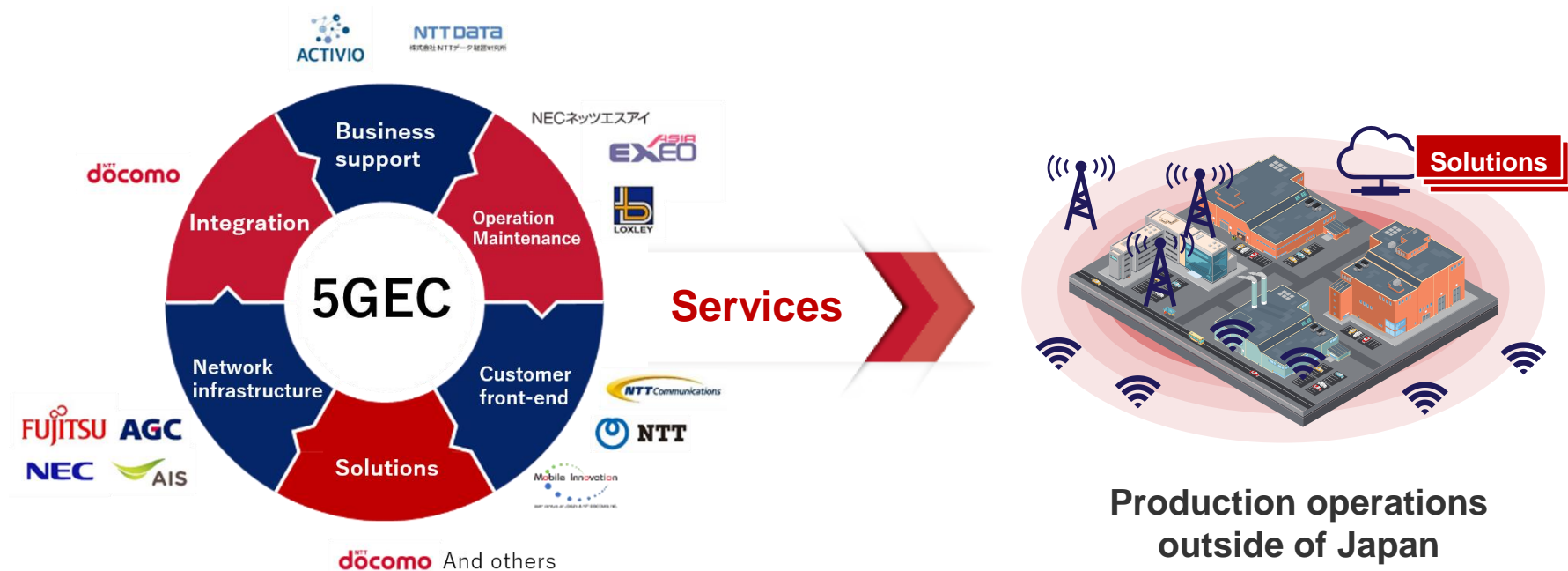
AI & IoT for real-time coaching

Provide line operators with real-time feedback, including comparisons with veteran operators, following AI analysis of collected data about them.



5G Global Enterprise Solution Consortium (5GEC)

The 13-firm consortium will strive to deliver one-stop solutions and DX initiatives implemented with 5G.





For more information, please contact us at

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