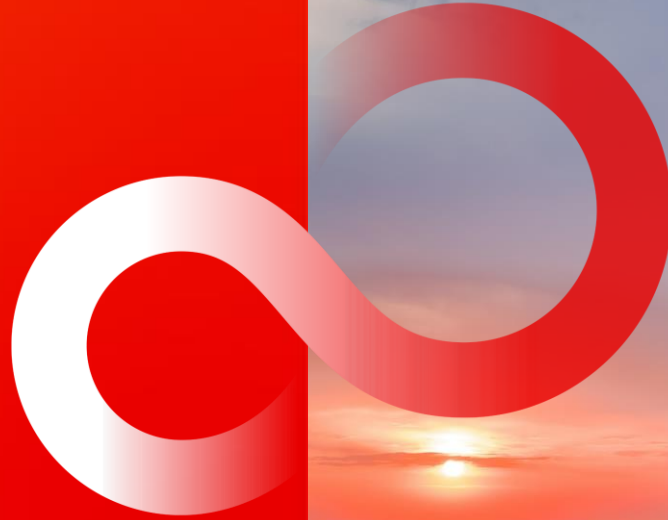


FUJITSU

Fujitsu O-RAN Radio Unit Portfolio



Fujitsu Radio Unit History



Fujitsu has over 15 years of radio unit(RU) expertise.
Over 600K RUs have been delivered since 2004.



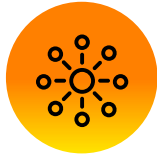
2004

First world shipment of Fujitsu RUs



2014

Fujitsu begins supplying dual and triple band RUs



2019

World's first commercial O-RAN compliant 5G deployment



2020

O-RAN trials in Europe



2021

First O-RAN compliant radios delivered to N. America



2022

Massive MIMO O-RU commercially deployed in Japan



2023

Multi-vendor Open RAN deployment in Europe

**O-RAN commitment and leadership
Driving Open RAN ecosystem and technology**

DISH

Fujitsu Open RAN RUs deployed in over 120 markets, covering over 70% of the US population

KDDI

Fujitsu 5G 32TRx Massive MIMO radios commercially deployed

AT&T

Fujitsu selected by AT&T as a supplier for their Open RAN network buildout

NTT DOCOMO

5G Commercial network includes Fujitsu Open RAN RUs deployed in thousands of base stations as well as Fujitsu's Open vCU/vDU

Deutsche Telekom

Fujitsu's LTE and 5G NR O-RAN RU deployed at O-RAN Town & in commercial network



High capacity and versatile

- Multi- and single-band portfolio
- RRH and M-MIMO, FDD and TDD
- High output power per band and RU
- Multi-standard – 2G, 4G, 5G per market need
- High OBW and IBW



Energy Efficient

- High power efficiency at all traffic loads
- Innovative power amplifier architecture
- GaN based power amplifiers
- Proprietary linearization and energy efficiency algorithms
- Dynamic power save feature support



Innovative Features

- Transport layer security
- PRB blanking
- Built-in PIM cancellation
- Advanced beam management
- Spectrum Monitoring/Management
- Radio Health Monitoring



Deployable and Reliable

- Compact form factor
- Versatile mounting
- ORAN Hybrid/O1 Management
- AI-Enabled Failure Prediction
- Minimum Carbon Footprint

First Planned Releases – New Portfolio



Compact Mid-Power

44R21

Band : Low / Mid band
Single-Band: 4T4R/2T4R/2T2R
Dual-Band: 2T2R
Total output power :
Up to 240W



High-Power Multiband

44R45

Band : Low / Mid band
Dual-Band: 4T4R/4T8R
Total output power :
Up to 640W



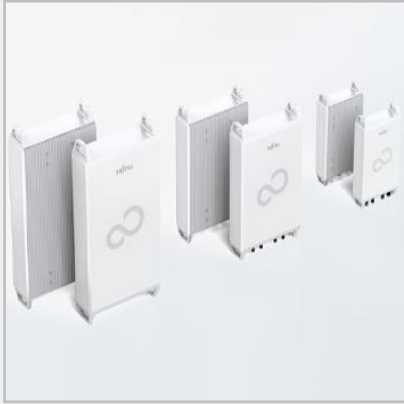
High capacity Massive MIMO

64A75

Bands: Sub6 TDD
Single-Band: 64TR
Conducted power : 400W

Compact & Energy efficient multi- and single-band radios

New Platform Deployment Versatility



Different sizes based on requirements



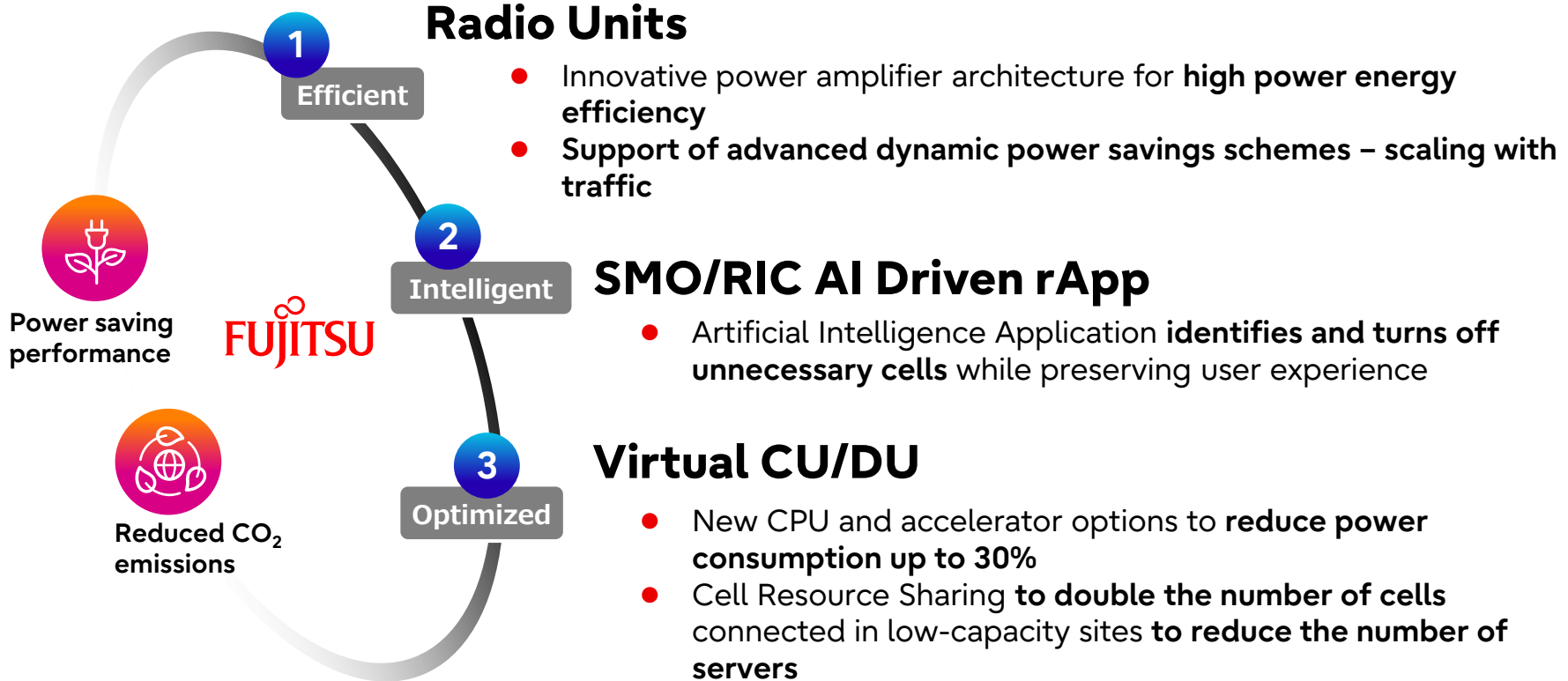
Pole mount



Bookshelf Mount



Wall Mount



Thank you

