

Open RAN

Open, Secure and Trusted Networks

What is the Open RAN Policy Coalition?

Our Mission

The Open RAN Policy Coalition represents a diverse group of companies formed to promote policies that will advance the adoption of open and interoperable solutions in the Radio Access Network (RAN) as a means to create innovation, spur competition, and expand the supply chain for advanced wireless technologies.

About the Coalition

- Formed in May 2020
- 57 members from 11 countries
- Objective: promote policies that accelerate the adoption of open, interoperable solutions in the Radio Access Network (RAN)
- Why?: Open RAN will promote operator choice, vendor competition & more investment in innovation.



Our Role



Develop standards for open & intelligent RAN (+ some testing)

Founded: February 2018 (merger)

Members: 236 companies and research institutions

Board: AT&T, China Mobile, DT, NTT, Orange, Bharti Airtel, KDDI, Rakuten, Jio, Singtel, Telefonica, TIM, Telstra, Verizon & Vodafone



TELECOM INFRA
PROJECT

Develop, test and deploy open, interoperable networks around the world.

Founded: February 2016

Members: 500+ companies & research institutions

Board: Vodafone, Facebook, Intel, BT, Deutsche Telekom & Telefonica



Advocate for policies that will accelerate Open RAN adoption globally.

Founded: May 2020

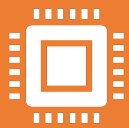
Members: 57 companies

Board: AT&T, Cisco, Qualcomm, Verizon, NTT, Rakuten, Mavenir, VMWare, Dish, Samsung, Vodafone, Fujitsu, Meta & Intel



Developing the Open RAN ecosystem

Analyzing the Cost Effectiveness of Open RAN



Open RAN promises substantial reductions in capital expenditures (CAPEX) due to its hardware-agnostic nature, allowing operators to avoid vendor lock-in. This flexibility leads to a competitive vendor landscape, potentially lowering hardware costs.



The operational expenditures (OPEX) can also see significant reductions due to Open RAN's emphasis on automation and virtualization, which streamline network management and maintenance processes. Rakuten reported a 30%–40% reduction in OPEX by utilizing Open RAN.



Rakuten Mobile: As one of the first large-scale deployments of Open RAN, Rakuten Mobile in Japan serves as a prime example of Open RAN's cost-saving potential, with a noted reduction in both CAPEX and OPEX.



Leveraging Innovation for Efficiencies and Cost Savings

**AI-driven Network Optimization
Functions**

Predictive Maintenance

Smart Energy Management

Virtualized Ran

Energy and Cost Savings