

MAVENIR™

BUILDING THE FUTURE OF NETWORKS – TODAY.
CLOUD-NATIVE. AI-ENABLED. GREEN BY DESIGN.

Open RAN Ecosystem Mapping Crowd-sourced by Mavenir

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This material maps the Open RAN ecosystem from various perspectives. It lists companies and institutions active in the Open RAN industry and maps the adoption of Open RAN across different stages and regions. It has been compiled by John Baker of Mavenir, based on crowd-sourced inputs from the industry. This material complements the O-RAN Map, <https://map.o-ran.org> which shows O-RAN progress based on announcements from mobile network operators, the OTICs and O-RAN PlugFests



Proven Open and Interoperable Open RAN ecosystem... version 24



Promoting and Adopting Open Networks...

RAN SW & HW Components Providers...

Governments

- Australia
- Brazil
- Canada
- India
- Japan
- Korea
- KSA
- Taiwan
- United Kingdom
- United States
- Philippines
- Czech Republic

Industry Alliances

- O-RAN ALLIANCE
- TELECOM INFRA PROJECT
- 3GPP
- Open RAN POLICY COALITION
- Open Networking Foundation
- OPEN AIR INTERFACE
- ONF
- ORIN

Service Providers

- dish
- vodafone
- docomo
- paradisemobile
- Comba
- 1&1
- tim
- verizon
- Türk Telekom
- axiata
- QUICKLINE
- Rakuten Mobile
- Mobile
- Orange
- Telefonica
- Triangle Communications
- Batelco
- TIM
- 中華電信
- Türk Telekom
- Smart
- axiata
- QICKLINE
- airtel
- T..
- du
- TURKCELL
- zain
- stc
- TELUS
- FET
- now
- TELECOM
- Telecomegypt
- ooredoo
- Taiwan Mobile
- Bell

Open Radios

- MAVENIR
- JABIL
- Comba
- bubble ran
- PROSE
- PEGATRON
- arcadyan
- microamp
- QCT
- WING
- SOLID
- Azcomm
- SERCOM
- COMPAL
- FUJITSU
- NEC
- SUNWAVE
- LITEON
- Zillink
- Benetel
- NewEdge
- Lions
- GXC
- SERMA
- airpuls D-Link
- ALPHA
- Accton
- COMPAL

CU & DU SW

- MAVENIR
- Rakuten Symphony
- Parallel Wireless
- FUJITSU
- Lions
- Capgemini
- SynaXG
- PEGATRON
- airpuls
- Acelleran
- SERCOM
- GENEVSIO
- COMPAL
- ASOCS
- ALPHA
- Airspan
- JMA
- Parallel Wireless
- Nokia
- htc
- FOXCONN
- DEEPSIG
- ACCELERCOMM
- w'ynn
- SRS
- WNG
- arcadyan
- SAMSUNG

RIC & SMO

- MAVENIR
- Parallel Wireless
- Capgemini
- Airspan
- Acelleran
- COMPAL
- PEGATRON
- Groundhog
- NYCU
- ITRI
- AARNA NETWORKS
- NEC
- Rakuten Symphony
- vmware
- by Broadcom
- ERICSSON
- FIMEDO LABS
- ERICSSON
- SAMSUNG
- Airspan
- cohere
- Rakuten Symphony
- bubble ran
- airhop
- PEGATRON

xApps / rApps

- MAVENIR
- JUNIPER
- ERICSSON
- SAMSUNG
- Airspan
- cohere
- Rakuten Symphony
- AVAXER
- FUJITSU
- PEGATRON
- vmware
- by Broadcom
- ERICSSON
- FIMEDO LABS
- ERICSSON
- SAMSUNG
- Airspan
- cohere
- Rakuten Symphony
- bubble ran
- airhop
- PEGATRON

Enterprise E2E

- MAVENIR
- SOLID
- PEGATRON
- is-wireless
- WISDON
- G REIGNS
- ASOCS
- Acelleran
- SERCOM
- QCT
- WNG
- ERICSSON
- FIMEDO LABS
- ERICSSON
- SAMSUNG
- Airspan
- cohere
- Rakuten Symphony
- bubble ran
- airhop
- PEGATRON

Macro E2E

- MAVENIR
- Rakuten Symphony
- is-wireless
- SAMSUNG
- FUJITSU
- Parallel Wireless
- OREX SAI
- ERICSSON
- NOKIA



RAN Infrastructure Component Providers ...

Ensuring Interoperability and Reliability...

COTS

- DELL
- QCT
- ASUS
- SUPERMICR
- Silicom
- Hewlett Packard Enterprise
- MITAC
- Lenovo
- ADVANTECH
- kontron

Cloud Infra

- aws
- vmware
- Google
- WINDRVR
- Rakuten Symphony
- SUSE
- by Broadcom
- Red Hat
- Microsoft
- Canonical
- Ubuntu

Transmission

- cisco
- JUNIPER
- Infinera
- wlstron
- Edgescore
- ipinfusion
- CERAGON
- ciena
- Adtran
- InfSpace
- FUJITSU
- ALPHA
- TAILYN
- twany group
- HFR, Inc.
- FiberLAN
- AEWIN
- DTS

Computing & Acceleration

- intel
- ANALOG DEVICES
- TEXAS INSTRUMENTS
- SynaXG
- arm
- METANOIA
- Qualcomm
- AMD
- NVIDIA
- picocom
- MAXLINEAR
- LeapFrog
- COMPAL
- ARM
- NXP
- EDGEQ

System Integrators

- MAVENIR
- Capgemini
- NEC
- NTT DATA
- Tech Mahindra
- amdocs
- FUJITSU
- 中華電信
- Hua.com
- MECU
- accenture
- QCT
- OREX
- KCCTech
- HCLTech
- Radisys
- IBM
- EANTEC
- REPLY
- Inventec
- Coilera
- KCCTech
- AARNA NETWORKS
- OpenValley
- TRANSNET
- Wayle
- Rakuten Symphony

Test & Measurement

- KEYSIGHT
- VIAMI
- MAVENIR
- Anritsu
- QUALITEST
- ROHDE & SCHWARZ
- TELSASOFT
- Calnex
- Ospirent
- XENA
- AUKUA
- SIEMENS

Open Testing & Integration

- ✓ Euro OTIC in Berlin
- ✓ Euro OTIC in Torino
- ✓ Aury OTIC and Security lab
- ✓ Euro OTIC in Paris
- ✓ Euro OTIC in Madrid
- ✓ Asia & Paci OTIC PRC
- ✓ Korea OTIC, TTA
- ✓ North America Kyrio OTIC
- ✓ North American OTIC in NYC Metro Area/East (COSMOS)
- ✓ Japan OTIC
- ✓ North American OTIC (AERPAW)
- ✓ North American OTIC UNH-IOL
- ✓ Asia & Pacific OTIC by ritt7layers
- ✓ Asia & Pacific OTIC in Singapore
- ✓ North American OTIC (POWDER)
- ✓ DELL OTEL
- ✓ North America OTIC (Northeastern Univ)
- ✓ ITRI 5G Open Network Lab
- ✓ SONIC Lab. UK
- ✓ I14ylab Germany
- ✓ North American OTIC in (ARA)
- ✓ North American OTIC Virginia tech
- ✓ North American OTIC, MITRE
- ✓ EANTC Germany



Open RAN Momentum: Worldwide Adoption... version 24



- ✓ Aarna Networks
- ✓ Airhop
- ✓ AMD
- ✓ Amdocs
- ✓ Analog Devices
- ✓ AWS
- ✓ Ciena
- ✓ Cisco
- ✓ Deepsig
- ✓ DELL
- ✓ DZS
- ✓ Edge Q
- ✓ Google
- ✓ GXC
- ✓ Hewlett Packard
- ✓ IBM
- ✓ Infinera
- ✓ Intel
- ✓ Ipinfusion
- ✓ Jabil
- ✓ JMA
- ✓ Juniper
- ✓ Keysight
- ✓ Leapfrog
- ✓ Marvell
- ✓ Mavenir
- ✓ Microsoft
- ✓ NewEdge
- ✓ NXP
- ✓ Nvidia
- ✓ Parallel Wireless
- ✓ Qualcomm
- ✓ Radisys
- ✓ Redhat
- ✓ Simnovous
- ✓ SRSRAN
- ✓ Supermicro
- ✓ TelsaSoft
- ✓ Texas Instruments
- ✓ Viavi
- ✓ Vmware
- ✓ Wind River Systems
- ✓ KCCTech
- ✓ Aukua Systems



- ✓ Accton
- ✓ Advantech
- ✓ ALPHA
- ✓ Arcadyan
- ✓ ASUS
- ✓ Chungwa Telecom
- ✓ Coiler
- ✓ Compal
- ✓ D-Link
- ✓ Edgecore
- ✓ Foxconn
- ✓ genviso
- ✓ HTC
- ✓ Hwacom
- ✓ Inventec
- ✓ LITEON
- ✓ MeshLink
- ✓ Metanoia
- ✓ MiTAC
- ✓ MIT
- ✓ NYCU
- ✓ Pegatron
- ✓ QCT
- ✓ SERCOMM
- ✓ Synergy Design
- ✓ Tailyn
- ✓ Twoway
- ✓ Transnet
- ✓ UFISpace
- ✓ WavelN
- ✓ Wistron
- ✓ Wiwynn
- ✓ WNC
- ✓ LIONS
- ✓ COMPAL
- ✓ Groundhog
- ✓ ITRI
- ✓ AEWIN
- ✓ G REIGNS

~136 Organizations
~21 Countries



Global Open RAN Deployments and Trials... version 24

