

## O-RAN ALLIANCE Events and Demos at MWC Barcelona Showcasing O-RAN Ecosystem Progress

- Join us for O-RAN ALLIANCE Ecosystem Briefing, February 28, 2023 at MWC Barcelona 2023
- O-RAN ALLIANCE participation at the “Open RAN – The Debate” session at MWC23
- 65 demonstrations of O-RAN technology and solutions at MWC23 showcasing the O-RAN ecosystem progress

**Bonn/Germany, February 8, 2023**

### **Join us for O-RAN ALLIANCE Ecosystem Briefing, February 28, 2023 at MWC Barcelona**

O-RAN ALLIANCE plans to hold its next industry event on Tuesday, February 28, 2023 from **15:30-16:30 CET** at the **Deutsche Telekom booth** (Hall 3, Stand 3M31). The event will include:

- An update on O-RAN's progress and future directions by
  - **Alex Jinsung Choi**, Chair of the Board of **O-RAN ALLIANCE** and SVP Group Technology at **Deutsche Telekom**
  - **Stefan Engel-Flehsig**, **O-RAN ALLIANCE COO**
- Views on important areas supporting wide-spread adoption of open RAN, featuring leading operators from Asia, Europe and Americas:
  - Open RAN testing and integration - by **Chih-Lin I**, Chief Scientist from **China Mobile** and Co-chair of **O-RAN Technical Steering Committee**
  - Open RAN security – by **Claire Chauvin**, Strategy Architecture and Standardization Director at **Orange**
  - Open software for the RAN – by **Rob Soni**, VP RAN Technology at **AT&T Services**
- Industry panel discussions on open RAN regional development, trials, deployments, and open RAN security, featuring:
  - **Petr Ledl**, VP Network Trials and Integration Lab, **Deutsche Telekom**
  - **Greg Manganello**, Senior Vice President and Vice Head of the 5G Mobile Systems Business Unit, **Fujitsu**
  - **Gerardo Giarretta**, Vice President, Product Management, **Qualcomm Technologies**
  - **Nicola Marziliano**, VP International Telco Sales, **Wind River**
  - **Ray Le Maistre**, Editorial Director at **Telecom TV** as the moderator
- Industry panel discussions on O-RAN ecosystem maturity and energy efficiency, featuring:
  - **Sidd Chenumolu**, Vice President of Technology Development at **DISH Wireless**
  - **John Baker**, Senior Vice President of Ecosystem Business Development, **Mavenir**
  - **Masafumi Masuda**, General Manager of RAN Development, **NTT DOCOMO**
  - **Francisco Martin**, Head of OPEN RAN at **Vodafone Group Services**
  - **Ray Le Maistre**, Editorial Director at **Telecom TV** as the moderator

Follow our [website](#) for further updates or to watch live stream from the event.

### **O-RAN ALLIANCE participation at the “Open RAN – The Debate” session at MWC23**

Alex Jinsung Choi, Chair of the Board of O-RAN ALLIANCE, will appear at the “Open RAN – The Debate” session part of the MWC Barcelona conference stream. This event is scheduled on **Monday 27<sup>th</sup> February 2023, 16:15-17:00 CET** on **MWC Stage A, Hall 6**. The panel discussion will focus on opportunities and challenges associated with disaggregation of Radio Access Networks and their

widespread adoption. Different aspects are to be debated, like system integration, security, industry roles and responsibilities, CAPEX/OPEX savings or sustainability.

## 65 demonstrations of O-RAN technology and solutions at MWC23 showcasing the O-RAN ecosystem progress

58 O-RAN ALLIANCE members and participants plan to present 65 demonstrations of their O-RAN based technology and solutions at MWC Barcelona or the [O-RAN Virtual Exhibition](#), and welcome visitors to join their booths.

O-RAN ALLIANCE prepared an [interactive map](#) for easy navigation to booths showcasing O-RAN demos at MWC exhibition.

O-RAN ALLIANCE is proud to recognize below listed companies and institutions showcasing the latest set of O-RAN demos.

For details about all demos, please read our recent [web announcement](#).

### Intelligent RAN demonstrations

Demo Title	Participating O-RAN Companies	Demo Location
AI Enabled Energy Savings in Open RAN	Capgemini, Intel	Capgemini Engineering, Hall 2, Stand 2B90
Unlocking the power of Location Intelligence in O-RAN	Capgemini, VIAVI Solutions	Capgemini Engineering, Hall 2, Stand 2B90
Rach Index Optimization (RSI) for improving user experience performance	Capgemini, PiWorks	Capgemini Engineering, Hall 2, Stand 2B90
O-RAN Prototype Development & Testing	China Mobile	O-RAN Virtual Exhibition
Intelligent Private 5G Solution Based on Near-RT RIC	China Mobile, H3C	O-RAN Virtual Exhibition
General Design and Test of xApp	China Mobile, Purple Mountain Laboratories	O-RAN Virtual Exhibition
CovMo™ - Cloud Native O-RAN Geolocation and Mobility Intelligence Solution	Groundhog	Taiwan Pavilion, Hall 5, Stand 5A61
Bouncer xApp which is also called RIC Benchmarking xApp	HCL Technologies	O-RAN Virtual Exhibition
HCL ANA cRIC/SMO: R1+ Framework and O1 Southbound Interface	HCL Technologies	HCL, Hall 2, Stand 2E19
ITRI 5G O-RAN AI-Driven Non-RT RIC	Industrial Technology Research Institute	O-RAN Virtual Exhibition
Real Deployment of 5G-ORAN based End-to-End Solutions with Flexible and Reliable Networks	Inventec	Trend Micro & CTOne, Hotel Fira Congress, B1F
O-RAN Service Management and Orchestration	Juniper Networks	Juniper Networks, Hall 2, Stand 2D12
Juniper RIC Energy Savings Use Cases	Juniper Networks	Juniper Networks, Hall 2, Stand 2D12
Load Balancing with Anticipatory Load Detection by Deep Learning Prediction	Lenovo	O-RAN Virtual Exhibition
LITEON empower your private 5G era	LITE-ON TECHNOLOGY	LITEON, Hall 5, Stand 5I20

Indoor and Outdoor Positioning over O-RAN Private Network	National Yang Ming Chiao Tung University (NYCU)	O-RAN Virtual Exhibition
AI-driven Intent-based Optimization for Open RAN Neutral Host	Northeastern University, Institute for the Wireless Internet of Things (WIoT)	O-RAN Virtual Exhibition
RAN monitoring and control through O-RAN xApps	Reply SpA	O-RAN Virtual Exhibition
Policy-controlled QoS-based Resource Allocation xApp (QRA-xApp) from Rimedo Labs with ONF's SD-RAN RIC	Rimedo Labs, ONF	O-RAN Virtual Exhibition
vRAN O-Cloud management for x/rApps	University of Málaga	O-RAN Virtual Exhibition
Introducing VMware Energy Savings rApp	VMware	VMware, Hall 3, Stand 3M11
Dynamic RAN Slice Resource Allocation for SLA Assurance	VMware, Intel	VMware, Hall 3, Stand 3M11
Dynamic power management to achieve energy savings in multi-vendor Open RAN systems	Vodafone, Intel, Keysight Technologies, Radisys, Wind River	Vodafone, Hall 3 Stand 3E11
O-RAN RIC Admission Control and Traffic Steering Use Cases	Vodafone, Juniper Networks, Parallel Wireless	Juniper Networks, Hall 2, Stand 2D12

## Open RAN demonstrations

Demo Title	Participating O-RAN Companies	Demo Location
O-RAN Architecture Implementation Demonstration	5G WIN, Parallel Wireless	RunEL NGMT, Hall 8.1, Stand 8.1B62.1
O-RAN orchestration on O-Cloud Optimized for hybrid environments	Aarna Networks, Red Hat, VoerEir	Red Hat, Hall 2, Stand 2F30
Open RU Display Wall	Analog Devices	Analog Devices, Hall 2, Stand 2B18
End-to-End call with Analog Devices Radio Unit Platform and Radisys DU, CU stack	Analog Devices	Analog Devices, Hall 2, Stand 2B18
Delivering More Sustainable Networks	Analog Devices	Analog Devices, Hall 2, Stand 2B18
All ASIC OpenRAN Massive MIMO Reference Design	Analog Devices	Analog Devices, Hall 2, Stand 2B18
mmWave Reference Platform with Next Gen Integration, Efficiency	Analog Devices	Analog Devices, Hall 2, Stand 2B18
O-RU Fronthaul Conformance Tests with Analog Devices, Viavi Solutions and Rohde & Schwarz	Analog Devices, Rohde & Schwarz, VIAVI Solutions	Analog Devices, Hall 2, Stand 2B18
Open RAN Fronthaul Test Solution	Anritsu	Anritsu, Hall 5, Stand 5D41
Arm-based scalable Private 5G Network with Benetel RUs	Arm, Benetel, Red Hat	Arm, Hall 2, Stand 2I60

ArrayComm 5G O-RAN Demo large uplink enhancement per DU	ArrayComm	ArrayComm, Hall 5, Stand 5F21
gNB End-to-End Demo for Muti-cells & Large Connectivity Users	ArrayComm	ArrayComm, Hall 5, Stand 5F21
Hyperconverged AI-on-5G Solution	ArrayComm, NVIDIA	ArrayComm, Hall 5, Stand 5F21
Introduction of Artiza Networks' Load and Stress Test Solution DuoSIM-5G	Artiza Networks	Artiza Networks, Hall 7, Stand 7B12
Azcom 5G O-RAN Radio Unit Reference design and IP Modules	Azcom Technology	Azcom Technology, Hall 5, Stand 5J54
Orchestration and management of RAN elements using SMO over O1 interface	Capgemini Engineering, Aarna Networks	Capgemini Engineering, Hall 2, Stand 2B90
Comba's Industry's first to support the NB-IoT and LTE-M in Open RAN Radio Unit	Comba Telecom	Comba, Hall 2, Stand 2F35
Active-Passive integrated antennas for O-RAN	CommScope	CommScope, Hall 2, 2F40
Dynamic resource scaling designed to achieve energy savings for Open RAN systems	Deutsche Telekom, Keysight Technologies, Radisys	Radisys, Hall 5, Stand 5B81 Keysight Technologies, Hall 5, Stand 5E12
The Application of Security in an O-RAN Environment	Fortinet	Fortinet, Hall 5, Stand 5C13
AI Enabled High Performance Virtual CU/DU	Fujitsu, NVIDIA	Fujitsu, Hall 4, Stand 4E20
Zero-touch provisioning (ZTP) of Small cells and CN for NPN 5G using ORAN SMO and Automation	HFCL, Aarna Networks	
My5G, a full solution of Private 5G	HFR	HFR, Hall 2, Stand 2B72
Intel N6000 an Accelerated Virtual Cell Site Router & mMIMO Radio	Intel	Intel, Hall 3, Stand 3E31
Radio conformity and product safety certifications of LIONS' O-RAN solution	LIONS Technology	O-RAN Virtual Exhibition
MiTAC 5G End to End O-RAN Solution	MiTAC Computing Technology	O-RAN Virtual Exhibition
GPU Accelerated 5G Virtual RAN with NVIDIA Aerial SDK and OAI	NVIDIA, OAI	O-RAN Virtual Exhibition
Picocom demonstrates O-RAN 7.2 end to end demo with O-DU with PC802 ORANIC in-line accelerator and PC802 based O-Rus	Picocom, Radisys	Picocom, Hall 5, Stand 5I32
REIGN CORE – E2E demonstration of portable 5G private network	Reign	HTC, Hall 7, Stand 7A40
Cyber-assessment framework designed for security and resilience testing of Open RAN systems	Singapore University of Technology and Design (SUTD), Keysight Technologies, Quanta Cloud Technology	Quanta Cloud Technology, Hall 5, Stand 5E21 Keysight Technologies, Hall 5, Booth 5E12
Spirent O-RU Wrap-around Solution including Live Video Teleconference with a Real Commercial Device	Spirent Communications	Spirent, Hall 2, Meeting rooms 2.1C11Ex, 2.1C13Ex, 2.1C15Ex

Spirent O-RAN O-DU Wrap-around Test Solution	Spirent Communications	Spirent, Hall 2, Meeting rooms 2.1C11Ex, 2.1C13Ex, 2.1C15Ex
O-RAN End-to-End Test Solution	Spirent Communications	Spirent, Hall 2, Meeting rooms 2.1C11Ex, 2.1C13Ex, 2.1C15Ex
O-RAN Fronthaul Transport Validation	Telefonica, Juniper Networks, Keysight Technologies	O-RAN Virtual Exhibition
Testing the O-DU/O-CU combination with the TMLite	VIAVI Solutions, AMD	O-RAN Virtual Exhibition
Viettel 5G NR O-RAN Massive MIMO 32T32R	Viettel High Technologies	Viettel Group, Hall 4, Stand 4E30
Viettel 5G Macro gNodeB 8T8R Solutions	Viettel High Technologies	O-RAN Virtual Exhibition
Viettel O-RAN IP/UDP	Viettel High Technologies	O-RAN Virtual Exhibition
Build Open-Source O-Cloud Compliant to O-RAN O2 Interfaces Specifications	Wind River	Wind River, Hall 2, Stand 2F25
WNC's 5G E2E O-RAN Solution	Wistron NeWeb Corp.	Wistron NeWeb Corp., Hall 2, Stand 2A18MR
Wiwynn 5G RAN solution for the whole network	Wiwynn	Taiwan Pavilion, Hall 5, Stand 5A61

## About O-RAN ALLIANCE

The O-RAN ALLIANCE is a world-wide community of more than 300 mobile operators, vendors, and research & academic institutions operating in the Radio Access Network (RAN) industry. As the RAN is an essential part of any mobile network, the O-RAN ALLIANCE's mission is to re-shape the industry towards more intelligent, open, virtualized and fully interoperable mobile networks. The new O-RAN specifications enable a more competitive and vibrant RAN supplier ecosystem with faster innovation to improve user experience. O-RAN based mobile networks at the same time improve the efficiency of RAN deployments as well as operations by mobile operators. To achieve this, the O-RAN ALLIANCE publishes new RAN specifications, releases open software for the RAN, and supports its members in integration and testing of their implementations.

For more information, please visit [www.o-ran.org](http://www.o-ran.org).

## For more information, contact:

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