

O-RAN Global PlugFest Spring 2026 furthered multi-vendor end-to-end integration of massive MIMO O-RAN-based components

- O-RAN ALLIANCE PlugFests offer testing and integration opportunities to accelerate the development of open and intelligent RAN solutions
- Spring 2026 PlugFest advanced multi-vendor massive MIMO integrations, network efficiency, open-source software utilization, and more
- The Spring 2026 PlugFest was co-hosted by 13 operators, OTICs and institutions in 9 labs worldwide – with a total of 31 companies and institutions participating

Bonn/Germany, June 4, 2026

The O-RAN ALLIANCE (O-RAN) today announced the successful completion of the O-RAN Global PlugFest Spring 2026.

The O-RAN ALLIANCE organizes regular PlugFests to accelerate the development of O-RAN based products and solutions by offering structured testing and integration opportunities in a neutral and collaborative environment.

Building on achievements from previous PlugFests, the O-RAN Global PlugFest Spring 2026 furthered multi-vendor end-to-end integrations of massive MIMO O-RAN-based components, including mMIMO beamforming. Several labs focused on AI RAN solutions that improve network performance and advance energy savings. PlugFest efforts also led to successful establishment of special testing environments, such as over-the-air testing, anechoic chamber, shared O-RU, and deployment of open source software: Open Air Interface (OAI), OCUDU, O-RAN SC, and Sylva. Initial tests were performed on Integrated Sensing and Communication (ISAC).

The O-RAN Global PlugFest Spring 2026 was hosted by 13 operators, Open Testing and Integration Centres (OTICs) and independent institutions in 9 labs around the world. It was conducted from February to May 2026 with a total of 31 participating companies, some of which were involved in multiple venues.

“O-RAN PlugFests greatly help address the complexity of disaggregated network solutions. At the same time, they allow exploring new directions or proofs of concept,” said Brian Daly, Co-chair of the O-RAN Technical Steering Committee and AVP at AT&T Services. “Each PlugFest builds operational and management experience that directly improves the efficiency of the next iteration. It is great to see such activity and collaboration across the O-RAN industry ecosystem.”

Participants in O-RAN ALLIANCE Global PlugFest Spring 2026

The O-RAN ALLIANCE appreciates high interest from the community in testing and integration at the O-RAN Global PlugFest Spring 2026 and would like to recognize hosts, labs and participants, including:

1Finity, AmpliTech, Auray Technology, Commonwealth Cyber Initiative Virginia Tech, Digital Catapult, ETRI, G REIGNS, HCL Technologies, i14y Lab (supported by consortium members Deutsche Telekom, EANTC, and Fraunhofer HHI), Iowa State University (Center for Wireless, Communities, and Innovation - WiCI), ITRI, Korea Telecom, Keysight Technologies, LG CNS, LG Uplus, LIONS Technology, Metanoia, NEC, North Carolina State University, Orange, Photon-IV, Quanta Cloud Technology (QCT), Rakuten

Mobile, Rakuten Symphony, SERA Network, Software Radio Systems (SRS), SOLiD, VIAVI Solutions, YRP R&D Promotion Committee.

About O-RAN ALLIANCE

The O-RAN ALLIANCE is a world-wide community of 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.

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