



MEDIA RELEASE

Global Operators Collaborate with Industry Partners to Facilitate O-RAN Testing and Integration

Leading Tier 1 operators driving a common goal to accelerate multi-vendor, open and disaggregated next gen 5G wireless infrastructure by providing test and integration centers to facilitate product readiness.

September 18, 2019: The Open Test and Integration Center (OTIC) initiative was launched today led by a group of global operators, vendors and integrators. China Mobile and Reliance Jio along with participation from China Telecom, China Unicom, Intel, Radisys, Samsung Electronics, Airspan, Baicells, CertusNet, Mavenir, Lenovo, Ruijie Network, Inspur, Sylincom, WindRiver, ArrayComm, and Chengdu NTS are collaborating on multi-vendor interoperability and validation activities for realizing O-RAN compliant disaggregated 5G access infrastructure that leverages open software and hardware hardened for commercial deployments.

The OTIC initiative is an operator-led collaboration with the aim to facilitate OEM and other open source products and solutions to be functionally compliant to the specifications of the O-RAN Alliance, through verification, integration and testing of disaggregated RAN components and to deliver the desired architecture that supports a plug-n-play model.

“O-RAN Alliance is driving RAN innovation to address operational efficiencies, mobile broadband traffic growth, and vertical industry requirements with the necessary flexibility and agility. Its disaggregated architecture focuses on open interfaces, open source software, open hardware reference design, and embedded AI/ML and data analytics. CMCC will initiate an OTIC in Beijing, China, which should provide the common platform for solutions to be operationally ready to enable end-to-end interoperability and deployment in scale; as well as to be hardened for reliability, performance, scalability, and security that operator networks require,” said Dr. Li Zhengmao, EVP of China Mobile.

“Jio has been able to fundamentally disrupt the telecom space, however we realize that disruption and innovation is a continuous process. We are fast-tracking our efforts in 5G and Open technologies by developing and working with OTIC to accelerate the adoption of industry standard, interoperable O-RAN based deployments. Delivering ubiquitous and high-performance solutions to everyone is at the core of everything we do. Working together, O-RAN, SOC providers, Operators, OEMs and solution providers are all important partners in the creation of the Open Wireless Network as a Platform. The OTIC is an important step toward enabling the commercialization of the Open RAN Platform and the new model for wireless networks,” said Mathew Oommen, President, Reliance Jio.

“Intel supports enabling open architectures and a robust ecosystem that will drive innovation at the edge and radio access network. Our support of the OTIC labs will enable development,

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integration and testing of the O-RAN specifications and accelerate the development of commercial solutions for 5G network deployments,” said Dan McNamara, Senior Vice President Data Center Group, Intel.

“Lenovo strongly supports the O-RAN Alliance and is excited to see the launch of the OTIC initiative. The OTIC Labs provide a truly open environment that enables members to interoperate, integrate, and test O-RAN components and solutions. Lenovo looks forward to working closely with industry partners to jointly promote openness and innovation for 5G and beyond,” said Jason Wei, VP & GM, Converged Network BU, Lenovo.

“Samsung strongly supports open architecture that will take 5G networks to new heights, allowing the industry to continue driving innovation further. I am confident that OTIC will play a key role in accelerating the O-RAN based open platform development by empowering rapid creation of the robust ecosystem,” said Jaeho Jeon, Executive Vice President and Head of R&D, Networks Business at Samsung Electronics.

“As a leading provider of disruptive global 4G/5G solutions, Baicells is honored to be part of the OTIC initiative with the shared vision of new levels of openness, efficiency and flexibility with all members. By leveraging our solid abilities in O-RAN development and system integration experience, Baicells could provide a wide range of innovative solutions including pRRU, rHub, acceleration card to our ecosystem and help accelerate the maturity of O-RAN eco-system ASAP,” said Lixin Sun, CEO of Baicells.

“The Linux Foundation is a strong supporter of Open Source, Open Architectures, and Open Interfaces across networks. LF has enjoyed working with these operators in Open Source initiatives and appreciate their contributions to projects such as the O-RAN Software Community, ONAP, OPNFV, and others. We are excited to see the commitment to open platforms and the initiative to drive interoperability and validation of open RAN architectures and solutions through the OTICs along with Open Source Community O-RAN-SC. This initiative will be a catalyst for a new paradigm to wireless networks,” said Arpit Joshipura, General Manager, Networking, Edge & IOT, The Linux Foundation.

The OTIC initiative aims to expedite how the industry develops open RAN technologies and products that are hardened and supported for real-world deployments. The initial focus is to ensure RAN components from multiple vendors support standard and open interfaces and can interoperate in accordance with O-RAN test specifications. Additional partners are invited to join to advance the creation of ready-to-implement blueprints for RAN solutions conforming to the O-RAN specifications in order to realize open and disaggregated 5G networks.

About Reliance Jio Infocomm Limited:

Reliance Jio Infocomm Limited (“Jio”), a subsidiary of Reliance Industries Limited (“RIL”), has built a world-class all-IP data strong future proof network with latest 4G LTE technology. It is the only network conceived and born as a Mobile Video Network from the ground up and



supporting Voice over LTE technology. It is future ready and can be easily upgraded to support even more data, as technologies advance on to 5G, 6G and beyond.

Jio will bring transformational changes in the Indian digital services space to enable the vision of Digital India for 1.2 billion Indians and propel India into global leadership in the digital economy. It has created an eco-system comprising of network, devices, applications and content, service experience and affordable tariffs for everyone to live the Jio Digital Life. As part of its customer offers, Jio has revolutionised the Indian telecom landscape by making voice calls for Jio customers absolutely free, across India, to any network, and always. Jio makes India the highest quality, most affordable data market in the world so that every Indian can do Datagiri.

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