

## **Tech Mahindra Collaborates with Keysight to Certify 5G Vendors' Equipment at its 5G O-RAN Lab in New Jersey, USA**

*Technology*

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*To enable end-to-end conformance, interoperability and performance validation of open RAN equipment*

**New Jersey/ New Delhi – April 14<sup>th</sup>, 2022:** [Tech Mahindra](#), a leading provider of digital transformation, consulting and business re-engineering services and solutions, today announced collaboration with Keysight Technologies, an advanced design and validation solutions provider that helps accelerate innovation to connect and secure the world, to certify 5G equipment of open radio access network (O-RAN) in Tech Mahindra's 5G O-RAN test lab facility located in New Jersey, USA .

By leveraging Keysight's Open RAN architect (KORA) solutions, Tech Mahindra's 5G ORAN lab will become fully equipped to perform end-to-end validation of designs developed by CSPs (Communication Service Providers), ISVs (Independent Software Vendors), OEMs (Original Equipment Manufacturers), and ODMs (Original Design Manufactures) in compliance to specifications defined by the O-RAN alliance. This ensures that the entire open RAN system, built on open standards and disaggregated network architectures, performs as expected in terms of data speed, capacity, connection latency and security

**Cao Peng, Vice President and General Manager of Keysight's Wireless Business** said, *"Keysight is pleased to provide Tech Mahindra with integrated test solutions for rigorous interoperability, performance and security validation under real-world conditions. As a result, Tech Mahindra can cost-effectively support a global ecosystem with a comprehensive range of O-RAN test services."*

The collaboration will equip Tech Mahindra's ORAN lab with KORA solutions, including RuSIM, DuSIM, CuSIM and CoreSIM for performing 5G standalone open RAN validation. These solutions will allow Tech Mahindra to validate the performance of 5G standalone open RAN systems consisting of O-RAN radio units (O-RUs), centralized unit (O-CUs) and distributed units (O-DUs).

**Rohit Madhok, Senior Vice President and Global Head of Digital Engineering Services, Tech Mahindra**, said, *"As ORAN implementations continue to grow, innovative test solutions are needed to make them more intelligent, and interoperable for 5G deployment. Tech Mahindra's NXT.NOWTM strategy enables us to accelerate 5G adoption and re-imagine an enterprise's journey towards the future of connectivity. Through this collaboration with Keysight, Tech Mahindra's O-RAN lab facility empowers CSPs, ISVs, OEMs and ODMs around the world to validate end-to-end performance of O-RAN implementations."*

Keysight offers a wide range of O-RAN test, emulation and optimization solutions that enable vendors of small cells, macro cells and cloud RAN as well as mobile operators, test labs and hyperscale data centers to verify functionality and compliance to standards and system performance prior to live network deployment. As part of NXT.NOWTM framework, which aims to enhance 'Human Centric Experience', Tech Mahindra focuses on investing in emerging technologies and solutions that enable digital transformation

and meet the evolving needs of the customer.

## **About Keysight**

Keysight delivers advanced design and validation solutions that help accelerate innovation to connect and secure the world. Keysight's dedication to speed and precision extends to software-driven insights and analytics that bring tomorrow's technology products to market faster across the development lifecycle, in design and simulation, prototype validation, automated software testing, manufacturing analysis, and network performance optimization and visibility to enterprise, service provider and cloud environments. Our customers span the worldwide communications and industrial ecosystems, aerospace and defense, automotive, energy, semiconductor, and general electronics markets. Keysight generated revenues of \$4.9B in fiscal year 2021. For more information about Keysight Technologies (NYSE:KEYS), visit us at [www.keysight.com/](http://www.keysight.com/)

Additional information about Keysight Technologies is available in the newsroom at <https://www.keysight.com/go/news> and on [Facebook](#), [LinkedIn](#), [Twitter](#) and [YouTube](#).

## **KEYSIGHT TECHNOLOGIES CONTACTS:**

Geri Lynne LaCombe, Americas/Europe

+1 303 662 4748

[geri\\_lacombe@keysight.com](mailto:geri_lacombe@keysight.com)

Fusako Dohi, Asia

+81 42 660-2162

[fusako\\_dohi@keysight.com](mailto:fusako_dohi@keysight.com)

## **About Tech Mahindra**

Tech Mahindra offers innovative and customer-centric digital experiences, enabling enterprises, associates and society to Rise. We are a USD 5.1 billion organisation with 121,900+ professionals across 90 countries, helping 997 global customers, including Fortune 500 companies. We are focused on leveraging next-generation technologies, including 5G, Blockchain, Cybersecurity, Artificial Intelligence, and more, to enable end to end digital transformation for global customers. Tech Mahindra is one of the fastest-growing brands and amongst the top 15 IT service providers globally. Tech Mahindra has consistently emerged as a leader in sustainability and is recognised amongst the '2021 Global 100 Most sustainable corporations in the World' by Corporate Knights. With the NXT.NOW framework, Tech Mahindra aims to enhance 'Human Centric Experience' for our ecosystem and drive collaborative disruption with synergies from a robust portfolio of companies. We aim at delivering tomorrow's experiences today and believe that the 'Future is Now'.

We are part of the [Mahindra Group](#), founded in 1945, one of the largest and most admired multinational federation of companies with 260,000 employees in over 100 countries. It enjoys a leadership position in farm equipment, utility vehicles, information technology and financial services in India and is the world's largest tractor company by volume. It has a strong presence in renewable energy, agriculture, logistics, hospitality and real estate. The Mahindra Group has a clear focus on leading ESG globally, enabling rural prosperity and enhancing urban living, with a goal to drive positive change in the lives of communities and stakeholders to enable them to Rise.

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**For more information on Tech Mahindra, please contact:**

**Abhilasha Gupta, Global Corporate Communications and Public  
Affairs**

**Email:** [media.relations@techmahindra.com](mailto:media.relations@techmahindra.com);

[Abhilasha.Gupta@TechMahindra.com](mailto:Abhilasha.Gupta@TechMahindra.com)

Tags :

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