**FINAL – Under Embargo until 09:00 Eastern / 14:00 BST on Tuesday 13 April 2021**

**Mavenir and Xilinx collaborate to bring to market**

**Open RAN Massive MIMO portfolio**

* Mavenir and Xilinx form collaboration to accelerate the Open RAN ecosystem with leading OpenRAN massive MIMO portfolio
* Successfully integrated Massive MIMO end-to-end using Open RAN principles
* The first Massive MIMO 64TRX product expected in late 2021

**Richardson, TX and San Jose, CA – April 13, 2021** - Mavenir, the industry’s only end-to-end cloud-native Network Software Provider and a leader in accelerating software network transformation for communications service providers (CSPs), and Xilinx, Inc. (NASDAQ: XLNX), the leader in adaptive computing, announced today the companies are collaborating to bring to market a unified 4G/5G O-RAN massive MIMO (mMIMO) portfolio to enable OpenRAN deployments. The first mMIMO 64TRX joint solution is expected to be available in Q4 2021.

Working together, the two companies have successfully completed end-to-end integration of a first-generation mMIMO solution using OpenRAN principles. Held at the Mavenir Lab in Bangalore, India, the integration covered multiple deployment scenarios and was evaluated by six CSPs, all leading global operators. Mavenir delivered the Virtualized RAN (vRAN) support for mMIMO, including Core Network, CU and DU, with Xilinx providing the Category B O-RAN Radio Unit.

“This integration demonstrates an efficient OpenRAN massive MIMO solution to achieve diversification of the telecommunications supply chain,” says Pardeep Kohli, President and CEO, Mavenir. “This is an important milestone in the delivery of open and interoperable interfaces enabling the deployment of mMIMO in high density, high mobile traffic metro areas.”

“We were early proponents of Open RAN technology along with Mavenir and actively led in standards development in the industry through many field trials around the world,” said Liam Madden, executive vice president and general manager, Wired and Wireless Group at Xilinx. “With the investment we have done on our market-leading wireless radio technology and massive MIMO R&D, we are excited to collaborate with Mavenir to bring our collective technology and radio system expertise together that will accelerate the deployment of market leading 5G O-RAN massive MIMO radio solutions.”

With history of leadership success in various 4G and 5G network deployments worldwide, the companies are jointly developing the next generation of mMIMO products which will bring the world’s first O-RAN compliant 64TRX mMIMO products that support up to 400MHz instantaneous bandwidth in a compact form factor. Mavenir's vRAN software supports Multi-User MIMO with up to 16 layers, advanced receiver algorithms, full digital beamforming - all running on Mavenir's open and flexible cloud-native platform, as well as on other cloud platforms.

These products will leverage Xilinx’s technology platform including RFSoC DFE and Versal AI for advanced beamforming, delivering a fully integrated hardware and software O-RAN compliant mMIMO solution.

“5G Open RAN has significant momentum in the market with ABI Research forecasting network vendor spending to reach $10 billion by 2026-27 and then surpass traditional RAN at $30 billion by 2030,” said Dimitris Mavrakis, senior research director of 5G at ABI Research. “As Mavenir and Xilinx continue to work together to accelerate O-RAN-based massive MIMO adoption, their solutions will be well-timed to serve this high-growth market with the higher spectral efficiency, performance, power efficiency and cost needed as 5G demand intensifies.”

**About Mavenir:**

Mavenir is the industry's only end-to-end, cloud-native Network Software and Solutions/Systems Integration Provider, focused on accelerating software network transformation. Mavenir offers a comprehensive end-to-end product portfolio across every layer of the network infrastructure stack for communications service providers and enterprises. From 5G application layers (VoLTE, Messaging) to Packet Core and RAN,  Security, Edge Analytics and AI, Mavenir leads the way in evolved, cloud-native networking solutions enabling innovative and secure experiences for end users.

Leveraging innovations in Mobile Core with IMS (VoLTE, VoWiFi, Advanced Messaging/RCS), and Packet Core (vEPC, 5G Core) as well as Radio Access/Edge (OpenRAN), Private Networks, as well as Mobile Services and Applications such as Digital Enablement.  Mavenir accelerates digital network transformation for more than 250 CSP customers in over 120 countries, which serve over 50% of the world’s subscribers. [www.mavenir.com](https://cts.businesswire.com/ct/CT?id=smartlink&url=http%3A%2F%2Fwww.mavenir.com&esheet=52295774&newsitemid=20200928005183&lan=en-US&anchor=www.mavenir.com&index=4&md5=eafde7da12b58653d51f40c406918a8a)

**About Xilinx:**

Xilinx, Inc. develops highly flexible and adaptive processing platforms that enable rapid innovation across a variety of technologies - from the cloud, to the edge, to the endpoint. Xilinx is the inventor of the FPGA and Adaptive SoCs (including our Adaptive Compute Acceleration Platform, or ACAP), designed to deliver the most dynamic computing technology in the industry. We collaborate with our customers to create scalable, differentiated and intelligent solutions that enable the adaptable, intelligent and connected world of the future. For more information, visit xilinx.com.

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