

### COMPILATION OF RECENT OPEN RAN ANNOUNCEMENTS AND DEMONSTRATIONS

#### AIRSPAN

[US Companies Airspan And AltioStar Announce Partnership To Commercialize 4G & 5G Open Virtualized RAN Network Solutions](#)

[Airspan To Partner With Rakuten Mobile To Deliver Air5G Openrange28 Mmwave Platform](#)

#### ALTIOSTAR

[Rakuten Mobile and AltioStar To Launch World's First Cloud-Native, Container-Based 5G Radio Access Network Solution](#)

[NEC and AltioStar Collaborate to Advance Open vRAN Deployments for 4G and 5G](#)

[Etisalat Launches Open vRAN with AltioStar, NEC and Cisco](#)

[Etisalat Launches MENA's First Open vRAN Network In The UAE](#)

[GSMA Welcomes New Telco Cloud Companies to the 'GSMA 100'](#)

[AltioStar: 'The status quo cannot deliver on the premise of 5G'](#)

[Telefónica Invests In AltioStar's Open RAN Technology To Accelerate Network Transformation](#)

[Ubicquia and AltioStar Expand Partnership to Accelerate Rural Broadband](#)

[Telecom Italia Halves Software Costs in vRAN Trials](#)

[U.S. Still Leads World in 5G Innovation](#)

[Sercomm and AltioStar Drive Small Cell and Open vRAN Innovation](#)

[AltioStar Talks About the Virtualization of the RAN & Its Role in the Rakuten Network at MWC 2019](#)

[AltioStar to Develop Innovative 4G/5G Solutions Based on Qualcomm Small Cell 4G and 5G Platforms](#)

[Deutsche Telekom Partners With Crown Castle, AltioStar On 3.5 GHz Test Bed](#)

[Altiostar AND SK Telecom Implement Virtualized Radio Access Network \(RAN\) and Collaborate on Software Defined RAN Solution](#)

[Altiostar, Amdocs & Wind River Collaborate on End-to-End vRAN Solution: New Services, New Customers, New Revenue](#)

[Altiostar And Sercomm Announce Collaboration For LTE And 5G Solution On CBRS Band For Rural Broadband And Fixed Wireless](#)

[Announcing North America's Most Advanced Radio Access Network Solution by GCI in Collaboration with Altiostar](#)

[Altiostar vRAN Receives Multiple Glomo Awards Including CTO's Choice Award And Best Mobile Technology Breakthrough Award](#)

[TIM Brings Altiostar vRAN into Live Mobile Network](#)

[Altiostar And Dali Wireless Collaborate To Support Emerging 5G Technologies](#)

[Altiostar Teams with Wind River Titanium Cloud Ecosystem to Accelerate Deployment of NFV Solutions](#)

[Altiostar Unveils Open vRAN Development Platform](#)

[Bharti Airtel To Deploy Altiostar vRAN](#)

[Altiostar, Intel, Xilinx Among Telefonica Open RAN Providers](#)

[Cisco, Altiostar, WWT Team For Open vRAN Blueprint](#)

[WWT Develops Blueprint To Accelerate Deployment Of 4G/5G Open vRAN Solutions With Cisco And Altiostar Technology](#)

[US Companies Airspan And Altiostar Announce Partnership To Commercialize 4G & 5G Open Virtualized RAN Network Solutions](#)

### **AWS**

[Announcing AWS Wavelength For Delivering Ultra-Low Latency Applications For 5G](#)

### **AT&T**

[AT&T and CommScope are Showcasing O-RAN's Vendor Agnostic Operations, Administration and Maintenance \(OAM\) Architecture and O1 Interface Specification](#)

[AT&T and Nokia are Co-Sponsoring a Demo of the O-RAN OSC Open Source Near-Real-Time RAN Intelligent Controller \(near-RT RIC\) Running at the Network Edge on an Akraino-Based Open Cloud Platform](#)

[Ciena, Radisys, Wind River, AT&T And DISH Network Are Co-Sponsoring A Demonstration Of 5G Edge Orchestration And Optimization](#)

[AT&T, Commscope, And Intel Are Demonstrating mmWave 5G gNB And 7.2x Open Fronthaul Demo](#)

[Samsung and AT&T Achieve Open RAN Milestone](#)

### CISCO

[Cisco And Telstra Complete World's First 5G Call Over Packetized Fronthaul Network](#)

[Realizing A Multi-Vendor Virtualized RAN](#)

[WWT Develops Blueprint To Accelerate Deployment Of 4G/5G Open vRAN Solutions With Cisco And Altiostar Technology](#)

[Cisco's Early Bet On RAN Virtualization Propels Altiostar](#)

[Etisalat Launches Open vRAN with Altiostar, NEC and Cisco](#)

### COMMSCOPE

[CommScope, AT&T To Demo O-RAN, ONAP At Digital Forum](#)

[AT&T and CommScope are Showcasing O-RAN's Vendor Agnostic Operations, Administration and Maintenance \(OAM\) Architecture and O1 Interface Specification](#)

[AT&T, Commscope, And Intel Are Demonstrating mmWave 5G gNB And 7.2x Open Fronthaul Demo](#)

### DELL

[Mavenir Teams With Dell On NFV](#)

### DISH

[DISH Selects Mavenir To Deliver Cloud-Native Open RAN Software For Nation's First Virtual 5G Wireless Broadband Network](#)

### FUJITSU

[Mobile Industry leaders to Develop O-RAN Fronthaul-compliant Products and Drive Multivendor Radio Access Networks](#)

[Fujitsu Delivers Complete Set of 5G Base Station Products To NTT DOCOMO for Commercial 5G Service](#)

[Fujitsu and Qualcomm Complete 5G Data Calls in Sub-6 GHz and mmWave Spectrum Bands](#)

### GOOGLE

[Google Cloud Unveils Strategy For Telecommunications Industry](#)

### INTEL

[5G Advances Along With Virtualized Radio Access Network Investments](#)

[Intel Announces Unmatched Portfolio for 5G Network Infrastructure](#)

[Intel Unveils 5G Hardware And Network Infrastructure Deals](#)

[Intel And Rakuten Partner To Address 5G Network Gap](#)

[AT&T, Commscope, And Intel Are Demonstrating mmWave 5G gNB And 7.2x Open Fronthaul Demo](#)

[AltioStar, Intel, Xilinx Among Telefonica Open RAN Providers](#)

### MAVENIR

[Vodafone Idea Deploys Mavenir Open RAN Solution](#)

[DISH Selects Mavenir To Deliver Cloud-Native Open RAN Software For Nation's First Virtual 5G Wireless Broadband Network](#)

[Mavenir Awarded 'Best OpenRAN Solution' At 2020 Network Automation Awards](#)

[Mavenir and Turkcell Partner on OpenRAN](#)

[VMware and Deutsche Telekom Unveil Collaboration on Cloud-based Open and Intelligent Virtual RAN Platform with an open partner ecosystem including Mavenir](#)

[Mavenir and MTL Announce First OpenRAN O-RAN Interface on RRU Portfolio](#)

[Mavenir Simplifies Deployment of 5G Cloud Solutions with Business Partners](#)

[Mavenir Collaborates with Partners to Launch Evenstar Remote Radio Head Family NEC and Mavenir Deliver 5G Open vRAN Solutions](#)

[Mavenir Will Be Sponsoring A Demo On Open Fronthaul](#)

[Mavenir and Mugler Collaborate to Deliver End-to-End 5G Private Networks in Germany](#)

[Sunwave and Mavenir Announce Partnership](#)

[Mavenir Launches Fully Virtualized 4G-5G OpenRAN Solutions](#)

[Mavenir Survey Reveals 100% of Mobile Operators Plan to Implement Open RAN](#)

[Mavenir Opens New Center of Innovation in Stockholm](#)

[Mavenir Demonstrates 5G O-RAN Interface at Center of Innovation in Stockholm](#)

[Mavenir's Virtualized Radio Access Network \(vRAN\) Awarded Best RAN Technology at 5G Asia for Second Year in a Row](#)

[Realizing OpenRAN Efficiency and Performance](#)

[Mavenir Wins Best RAN Product](#)

[Mavenir and Baicells Announce xRAN Interface Interoperability Testing](#)

[Mavenir Wins Best RAN Award](#)

[Mavenir Brings Cloud RAN and vEPC to India and South Asia](#)

[Adva, BT and Mavenir Collaborate on Cloud RAN](#)

[Mavenir Teams with Dell on NFV](#)

[Mavenir Announces vMBC](#)

[Mavenir Announces 5G Core Network and vRAN Solutions](#)

[Mavenir Unlocks the Value and Benefits of NFV](#)

[Mavenir Acquires vEPC Business](#)

[Mavenir Extends Partnership with 6Wind to Accelerate the Next Generation of Telecom](#)

[Mavenir Joins xRAN Foundation](#)

### NEC

[NEC Releases “Open And Virtualized RAN” White Paper](#)

[NEC Will Show Their O-RAN Open Fronthaul Compliant Small-Cell RUs That Support the 3.7GHz, 4.5GHz and 28 GHz Bands](#)

[Rakuten Mobile and NEC Begin Production of Open RAN 5G Radio Equipment](#)

[NEC Begins Shipping 5G Radio Equipment to DOCOMO](#)

[Etisalat Launches Open vRAN with AltioStar, NEC and Cisco](#)

### NTT DOCOMO

[DOCOMO to Commence Deployment of World’s First 4G/5G Multivendor Radio Access Network Conforming to O-RAN Specifications](#)

### QUALCOMM

[Global Cellular Infrastructure Firms Select Qualcomm 5G RAN Technologies](#)

[Corning Announces 5G mmWave In-Building Network Systems Utilizing Qualcomm Technologies 5G Expertise](#)

[Small Cell Forum Publishes Specification To Drive Unified 5G Open RAN](#)

[QCT Develops 5G Foundation In Preparation For Steep Demand](#)

[Fujitsu and Qualcomm Complete 5G Data Calls in Sub-6 GHz and mmWave Spectrum Bands](#)

[AltioStar to Develop Innovative 4G/5G Solutions Based on Qualcomm Small Cell 4G and 5G Platforms](#)

[Airspan To Partner With Rakuten Mobile To Deliver Air5G Openrange28 Mmwave Platform](#)

### RAKUTEN

[Rakuten Mobile CTO: We're Stronger, Faster & Cheaper Than You](#)

[Rakuten Mobile and Altiostar To Launch World's First Cloud-Native, Container-Based 5G Radio Access Network Solution](#)

[Rakuten Mobile Eyes Global Ambitions, Readies For April Launch In Japan](#)

[Rakuten Selects Red Hat's Tech For New Mobile Network](#)

[Intel And Rakuten Partner To Address 5G Network Gap](#)

[TPG Telecom Partners Rakuten On Trial For 5G OpenRAN](#)

[MWC19: Rakuten Provides A Template For How The Future 5G Network Could Look](#)

[Rakuten Mobile and NEC Begin Production of Open RAN 5G Radio Equipment](#)

[Airspan To Partner With Rakuten Mobile To Deliver Air5G Openrange28 Mmwave Platform](#)

[Rakuten Mobile and NEC to Build Open vRAN Architecture in Japan](#)

[Rakuten Mobile and TPG Telecom Sign Partnership Agreement to Trial 5G OpenRAN in Singapore](#)

[Rakuten Mobile Announces Full-Scale Commercial Launch; Unveils Enhanced "Rakuten UN-LIMIT 2.0" Service Plan](#)

### SAMSUNG

[The Open Road to 5G](#)

[Overcoming Challenges of Multi-Vendor Open RAN](#)

[Samsung and AT&T Achieve Open RAN Milestone](#)

[OTIC: An Industry Innovation for O-RAN Verification](#)

[Samsung Demonstrates Dynamic Scalability of 5G RAN Using ORAN Framework](#)

[Building Success in the 5G Ecosystem](#)

[Persistence Pays Off For Samsung Networks In Becoming A Major 5G Radio Access Network Vendor](#)

[Open RAN 1 - Driving New Network Economies, Efficiencies and Experiences](#)

[Open RAN 2 - A Paradigm Shift Mandating a New Wireless Ecosystem](#)

[Open RAN 3 - Critical Success Factors to Build a Strong Open RAN Ecosystem](#)

[LFN Member Spotlight: Samsung Electronics](#)

[U.S. Cellular Selects Samsung 5G and 4G LTE Network Solutions](#)

[Samsung Expands to New Zealand in 5G Networks Deal With Spark](#)

[Samsung Selected As 4G LTE-A & 5G Network Solution Provider by Videotron In Canada](#)

[System-On-A-Chip Tech: The Key To Unlocking 5G's Full Potential](#)

[Samsung And KDDI Are Co-Sponsoring An Intelligent RAN Control Demo](#)

[Samsung Joins O-RAN Alliance to Advance Open Innovation in Networking Technologies](#)

[Samsung Joins xRAN Forum to Advance Next-Gen 5G Technologies](#)

[Samsung Joins Linux Foundation Networking Fund as Platinum Member](#)

[Samsung Completes Multivendor Interoperability of Cloud-Native 5G Standalone Core with HPE & Openet](#)

[Taking a Multi-Vendor Approach to Best-in-Class 5G Networks](#)

[Samsung Selected as a 4G LTE Open RAN Provider on Verizon's LTE Network](#)

[Global Operators Collaborate with Industry Partners to Facilitate O-RAN Testing and Integration](#)

[Samsung and Open Networking Foundation \(ONF\) Host ONOS BUILD 2017 to Unleash Software-Defined Next-Generation Network](#)



[Samsung Acquires Network Services Provider Teleworld Solutions to Accelerate U.S. 5G Network Expansion](#)

[Samsung Brings 5G to World by Shipping More than 6.7 Million Galaxy 5G Devices in 2019](#)

### VMWARE

[Vmware And Netsia Are Co-Sponsoring A Live End-To-End Network Slicing And Service Orchestration Demo, Using A Multi-Domain And Multi-Cloud Environment](#)

[VMware Automates Maestro, Grabs DT for vRAN](#)

[VMware Takes on Radio Networks](#)

[VMware And Deutsche Telekom Unveil Collaboration On Cloud-Based Open And Intelligent Virtual RAN Platform With An Open Partner Ecosystem Including Mavenir](#)

### VODAFONE

[Vodafone Pioneers Innovative Network Tech To Increase Suppliers And Extend Rural Internet Access](#)

[Disaggregated Cell Site Gateway RFI Evaluation Results Announced](#)

[Results Announced For Telecoms Industry's First OpenRAN RFI](#)

[Open Source CrowdCell Ready For Deployment](#)

[Storm iGen](#)

[Vodafone Announces Successful Trials Of New Technologies That Will Bring Cost-Effective Connectivity To Millions Of People In Africa And India](#)

[Vodafone To Join Telecom Infra Project \(TIP\) Board Of Directors And Co-Chair New Open RAN Project Group](#)

### WWT

[World Wide Technology Announces Availability of End-to-End Virtual Central Office Solution](#)

[World Wide Technology and VMware Collaborate on New Mobile Edge Computing Solutions For Consumption By Service Providers' End Customers](#)

[Cisco, AltioStar, WWT Team For Open vRAN Blueprint](#)