



Resources

The following [Keysight Open RAN Architect \(KORA\)](#) solutions were demonstrated at the O-RAN Fall 2023 Global PlugFest:

AI/ML enabled RAN Test Suite

Component	Description
RICtest	RAN Intelligent Controller (RIC), xApps, rApps and SMO test solution
RuSIM	O-RU Emulator with embedded UE emulation
CoreSIM	Core Emulator

RAN Sustainability (Energy Plane) Test Suite

Component	Description
O-RU	
Open RAN Studio	O-DU Emulator
M9410A VXT	PXI RF Vector Transceiver
N7973A Advanced Power System	Dynamic DC Power Supply
U2063XA Power Sensor	USB Wide Dynamic Range Average & Peak Power Sensor
Atlas Test Management Center	Advanced Test Manager and Reporting application
O-DU/CU	
RuSIM	O-RU Emulator with embedded UE emulation
CoreSIM	Core Emulator
PA2203A IntegraVision	AC Power Analyzer
RIC	
RICtest	RAN Intelligent Controller (RIC), xApps, rApps and SMO test solution

Test Automation and Enhanced Reporting

Component	Description
General	
Atlas Test Management Center	Advanced Test Manager and Reporting application
Conformance O-RU	
Open RAN Studio	O-DU Emulator
Time Sync Analyzer	Time Synchronization tester
M9410A VXT	PXI RF Vector Transceiver

Component	Description
M9415A VXT	PXI RF Vector Transceiver
PathWave Test Automation	Test development and execution engine
Interoperability Fronthaul and E2E	
UeSIM	UE Emulator
CoreSIM	Core Emulator

O-RAN Fronthaul Conformance and F1 Interoperability

Component	Description
WG4 O-DU Fronthaul	
RuSIM	O-RU Emulator with embedded UE emulation
WG4 O-RU Fronthaul	
Open RAN Studio	O-DU Emulator
M9410A VXT	RF Vector Transceiver
Interoperability F1	
UeSIM	UE Emulator
CoreSIM	Core Emulator