

NetWorld2020 SME Working Group

SME Success Story - 2020



EANTC

EANTC, as a German SME, is one of the world's leading independent test centers for telecommunication technologies providing vendor-neutral consultancy and realistic, reproducible high-quality testing services.

EANTC took part in the European O-RAN and TIP Plugfest 2020, supporting the development of interoperable 5G and LTE OpenRAN solutions. EANTC planned, executed, and documented multi-vendor interoperability tests of O-RAN solutions. The tests focused on Open Fronthaul functionality and compliance, end-to-end (E2E) performance, and O1 management interoperability. EANTC has automated E2E O-RAN tests at the Berlin lab.

In Q4 2020, we conducted our first remote multi-vendor interoperability event focused purely on NETCONF and transport network-specific YANG models investigating only the management plane between controllers and network devices. We successfully completed more than 39 test combinations in four categories: Device functions and configurations, service provisioning, monitoring and data export, Precision Time Protocol features.

EANTC participates in several European H2020 calls and projects focused on 5G networks and applications. As work package leader, EANTC provides benchmarking methodology, state-of-the-art testing expertise, and certification guidelines.