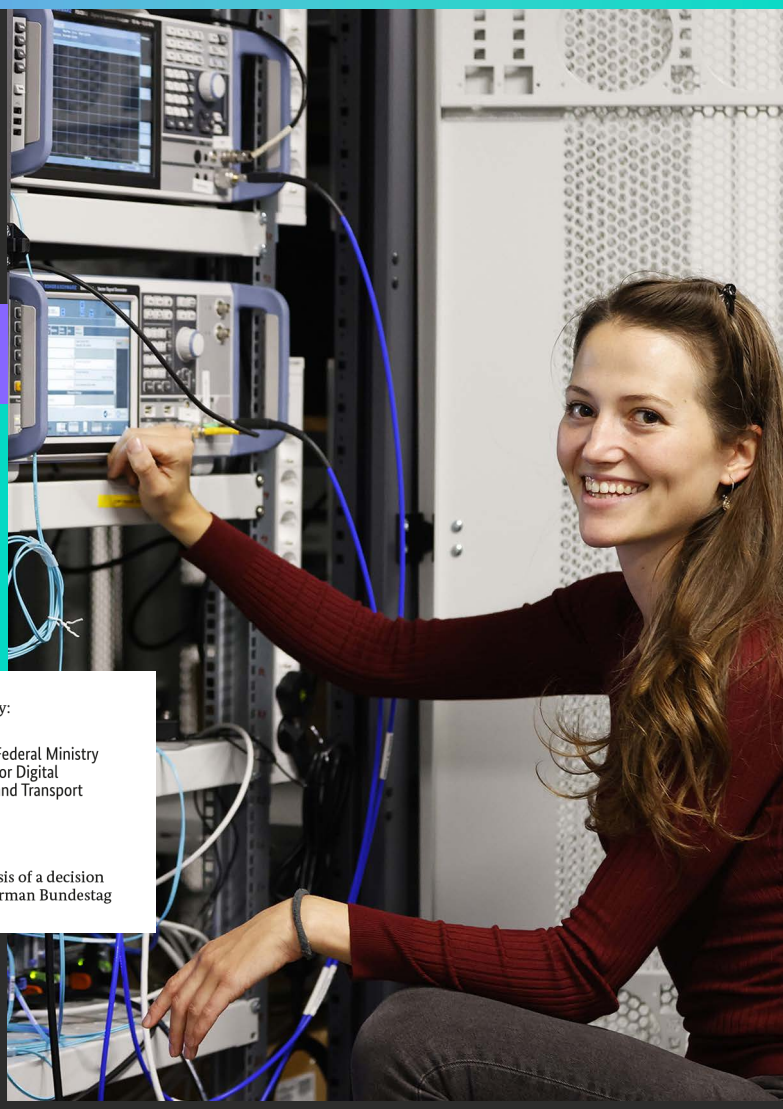
i14y Lab

Accelerating time to market for open RAN

Funded by:

Federal Ministry for Digital and Transport

on the basis of a decision by the German Bundestag



We bring together

- **3 operators:** Deutsche Telekom, Telefónica and Vodafone
- **3 vendors:** Capgemini Engineering, Nokia and Rohde & Schwarz
- **3 SMEs:** BISDN, EANTC and highstreet technologies
- **2 academic institutions:** Fraunhofer HHI and Technical University Berlin
- **Associated Partners:** Red Hat, Rimedo Labs and Viavi Solutions
- **and the German Ministry for Digital and Transport**

The i14y Lab accelerates market readiness for open RAN through badging and certification that is operator driven and helps productization. Towards that we are continuously improving our services to provide a highly flexible, up-to-date, automated test environment, supporting both TIP and O-RAN specifications with these setups:

- **permanent:** standardized testing for certification & badging and pre-qualification.
- **temporary:** setups for events like the O-RAN ALLIANCE PlugFest series, or
- **on demand:** fulfilling your specific testing needs

The i14y Lab reduces the effort and hence costs for all players in making disaggregated network components carrier grade market ready. Because disaggregation can only work when we work together.

i14y LAB

The i14y Lab gives companies of all sizes quick and easy access to permanent test setups based on a reference architecture agreed upon by three major European operators—Deutsche Telekom, Telefónica and Vodafone, which are part of the i14y Lab consortium.

O-RAN test specifications and relevant TIP test plans as well as TIP | MoU Group priority requirements are validated here. The implemented i14y reference architecture will provide permanent testing, badging, and certification capabilities.

Aligned, operator-oriented testing capabilities supporting productization will be further automated to help reduce the transaction costs even more, facilitating market readiness. We envisage that more operators will join us in defining and adapting the reference architecture, so that components can be made fit for market through regular and continuous testing.

We are building a future-proof lab with a modular and expandable structure that also offers temporary, and on-demand test set ups. Its service-oriented architecture based on the principles of a Lab as a Service (LaaS) will make the resources available for testing on-site and remotely.

Temporary setups will remain a cornerstone of i14y Lab, used for events like the recent O-RAN Global PlugFest series. With these we continue to show our ability to conduct many and varied test scenarios and are looking forward to facilitating more going forward.

Interoperability is in our name, and so are openness and sharing in our DNA. We are therefore in close collaboration with ecosystem initiatives such as O-RAN ALLIANCE, TIP, OCP and ONAP.

We believe the future of networks is disaggregated. We want to make i14y the entry point for activities towards commercial implementation. Come and join us in Berlin and let us be #opentogether.

The i14y Lab is the open lab for interoperability testing of disaggregated telco systems, such as open RAN, led by Deutsche Telekom and operated by a consortium of strong partners, with funding support from the German Federal Ministry for Digital and Transport (BMDV).

Contact communication@i14y-lab.com
Connect with us

Website → **YouTube →** **Linkedin →**