

5G sandbox program at Ericsson Plano campus

Program objective – The program is aimed at creating a 5G platform which Ericsson’s development and operation teams can explore and experiment different applications utilizing the new 5G technology. This creates an open environment which fosters innovation and potential enhancement to the 5G products and business cases. Proof-of-Concept can be validated with this test network in a real-life RF environment and be demonstrated to visitors. Since 5G is still in its infancy and has a great potential to transform the industries, keeping this sandbox program available for an extended time to allow more experiments will maximize its value and benefit the industry.

Equipment – This program will set up an end to end 5G network including cloud core, gNB, radios of various types (indoor, outdoor) and test devices.

Theory of Operation – This is a non-commercial private test network, isolated from operator’s networks. The entire end-to-end network will be installed, managed and maintained by Ericsson’s development and operation teams.