5G Test Network

www.5gtn.fi

5G Test Network mission

Build a scalable 5G test network enabling future business models and service development as well as testing and developing key 5G technology components and related support functions.

5G Test Network vision

5G Test Network evolves into a full-scale, deployable 5G network, providing a real life living laboratory for application and service testing with real life network-level performance. The 5G Test Network feature evolution follows 5G research and standardization progress, acting as verification platform for theoretical 5G research.

5G Components

Introducing the new 5G features and frequency bands.

IoT & Small Cells

5G is the booster for the internet of things. Dense urban small cells enable capacity increase.

Multi-operator Environment

Business based on multi-operator and cloud radio access network.

Network Management

The adaptation to different situations will be a key performance enabler for 5G network.

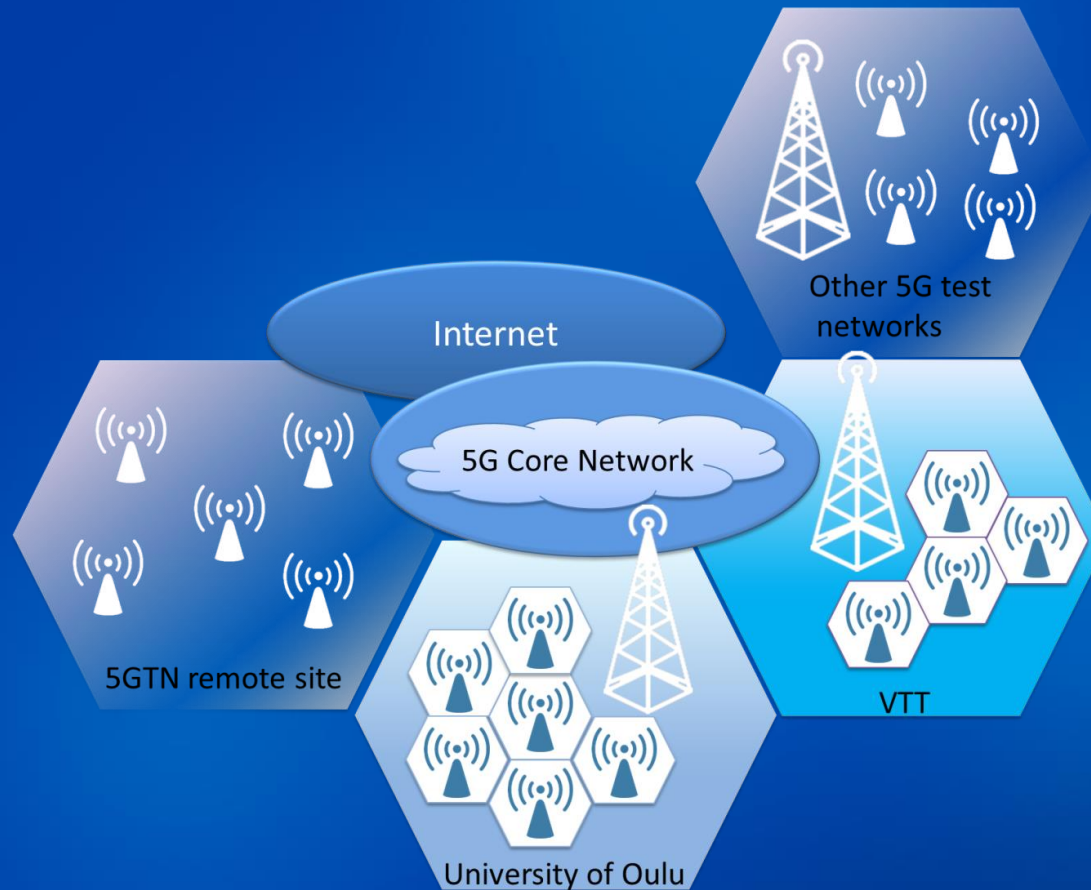Research platform where to study and explore 5G

Co-operation opportunities

5GTN enables new business opportunities

Strong consortium to support 5G related development

Restricted network at VTT

In restricted network, partners can test the functionality of their technologies, tools, and applications in a controlled environment.

Open network at the University of Oulu

The network offers an open platform where interactive value creation with users and customers can happen.

Utilization

- ✓ Possibility to test partners' applications and tools over live 5G network
- ✓ Real-life performance studies of 5G features

How to join?

Different options available from direct contracting to joint research projects. Contact:

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Partners

- Anite Finland Oy
- City of Oulu
- Bittium Oy
- Eltel Networks Oy
- EXFO Oy
- Finnish Communications Regulatory Authority
- Haltian Oy
- Indalgo Oy

- MediaTek Inc.
- Nokia Oy
- Oulu University of Applied Sciences
- PehuTec Oy
- Pulse Finland Oy
- Sarokal Test Systems Oy
- University of Oulu
- VTT Technical Research Centre of Finland Ltd
- Yleisradio Oy

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What 5G could mean for your business?