Non-Public
Networks

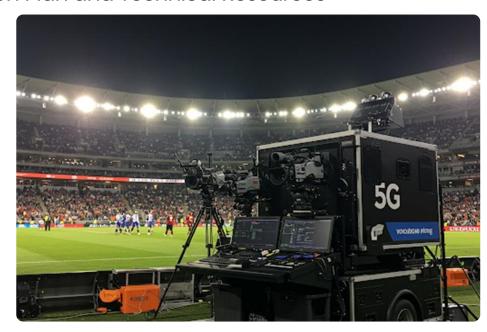**Member's work in more detail...**

Non-Public Networks
Overview of the work, outcomes, Execution Plan and Technical Resources

What is this project about?

A powerful solution for the demanding requirements of media production, where reliable, low-latency, and secure connectivity is crucial.

- Guaranteed **Quality of Service (QoS)** through access to dedicated network resources for specific **media flows** (e.g. live video feeds, return video, and control signals).

- An NPN provides a **secure, isolated network** with only authorized devices able to connect.

- Deployable in **fixed locations** or as **nomadic** networks.

- Deployable as completely **isolated networks** or with the **support of a public mobile network operator**, leveraging the operator's existing infrastructure while maintaining data isolation and custom QoS.


```
┌──────────────┐      ┌──────────────┐      ┌──────────────┐
│     User     │◄────►│      5G      │◄────►│ Application  │
│  Equipment   │      │  Non-Public  │      │   Provider   │
│   (Client)   │      │   Network    │      │              │
└──────────────┘      └──────────────┘      └──────────────┘
```

WHERE TO LOOK AT?

Check the Execution Plan
All the Technical Resources
Information on Standards
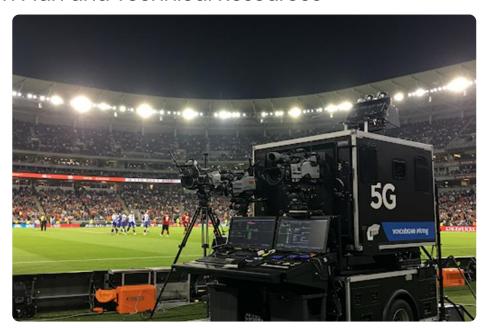**Reference Tools Project**

Non-Public Networks
Overview of the work, outcomes, Execution Plan and Technical Resources

What are the members doing?

Standards

- Documentation on high-level scenarios, architectures and features for media production and contribution with 5G NPNs

- Documentation on 5G NPNs: S-NPN and PNI-NPN

- Documentation on registration and onboarding for media production equipment over 5G NPN

- Documentation on spectrum access models and frequency bands for the deployment of NPNs

- Documentation on infrastructure and operation of S-NPN and PNI-NPN models

WHERE TO LOOK AT?

Check the **Execution Plan**
All the **Technical Resources**
Information on **Standards**
Reference Tools Project