YLE 5G needs and PoC:s

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Yle-Finnish broadcasting company
Yle 5G needs

Multicamera production in various locations

Replacing existing 2,4GHz wireless cameras with 5G technology

To replace DVB and FM distribution in the future.
5G Remote PoC: NDI-camera signals on private and public networks to main office

NDI cameras -> 5G Modem/router -> Publisher -> Receiver -> NDI studio in Helsinki
Sundström, Lehikoinen, Nygård, Mård

**Video engine**

- **Video engine (10.X3.7.X.X)**
- **SRT to Haivision HEVC**
- **Videomixer (Mobile-unit)**
- **PGM with embedded program audio**

**Multiviewer + Program audio**

- **Multiviewer + Program audio (ON LOCATION (Vaasa))**
- **Multiviewer + Program audio (YLE CAMPUS (Helsinki))**

**Command**

- **Command (ON LOCATION (Vaasa))**
- **Command (YLE CAMPUS (Helsinki))**

**Intercom via IP**

- **Intercom via IP (ON LOCATION (Vaasa))**
- **Intercom via IP (YLE CAMPUS (Helsinki))**

**Videomixer**

- **Videomixer (ON LOCATION (Vaasa))**
- **Videomixer (YLE CAMPUS (Helsinki))**

**Dante via IP**

- **Dante via IP (ON LOCATION (Vaasa))**
- **Dante via IP (YLE CAMPUS (Helsinki))**