

Tele Surveillance

“Enables remote controller to look at different places while moving synchronously”

Remote Control technology for Telesurveillance purposes (and not only) is based on two combined concepts. Multiple places or sites request to be continuously controlled. A high definition camera is placed on each place of interest, under 5G radio coverage (preferable FWA), while one centralized observer located by remote. Each camera is capable of generating a 4K definition A/V stream. The multimedia video content is collected by an application running in cloud, capable of reproducing the image to the observation point. The observer will be able to guide the camera wearing a viewer, or using a smartphone or tablet, by moving it synchronously. The camera is mounted on a motorized gimbal and users can move it quickly just by moving their head (with smartphone + cardboard or Oculus Quest), their devices or using the mouse on a PC.

Using a PC or tablet, the observer will have a wallboard in the screen with included all the views coming from the cameras installed in different sites. He can select a camera and move it synchronously, with the possibility to also zoom the images and have a very clear vision on details.

Features

“Capable to provide A/V streaming contents related to different sites or places”

Use cases can be related to Remote Assistance, Surveillance, multiple-site Monitoring scenarios.

In case of radio 5G coverage (low latency – URLLC, high bandwidth – eMBB), the following features are offered:

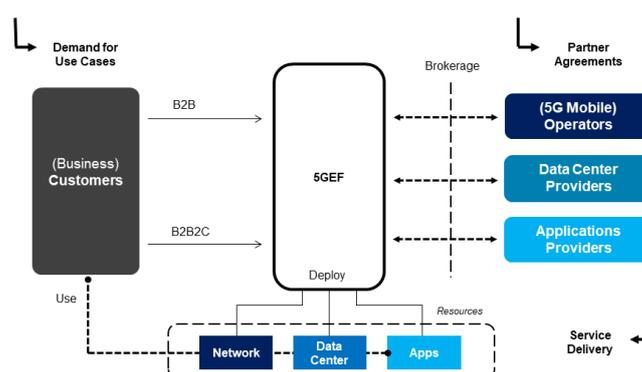
- Delay between transmission and reception of the stream are between 5 and 10 seconds.
- Video quality: 4K definition (up to 20 Mbps stream per flow).

5G Enabling Fabric (5GEF)

“Enabling 5G Solutions as use cases for Customers”

5GEF is a cloud based platform specifically designed for configuring and delivering business services to enterprise customers. NTT DATA’s solution provides Telcos and MNOs with a modular platform for deploying business applications provided by any relevant vendor, to virtually any location worldwide, as easily as opening an account with a mainstream SaaS provider.

A slice-oriented architecture supports delivery of secure, dedicated services on a global shared platform, while an abstraction layer enables customer self-selection for automated launch of configurable use cases.



Additional key features:

- Standard Network Slicing model (GSMA).
- Now Ready for 4G or 5G NSA early deploy.
- Focused on 5G SA solutions.
- Deliverable for Cloud Service Providers.
- Supported Pay-per-use and SaaS applications.