Social Distancing

"Stay safe in workplace and social relationships"

Remote Control technology for Social Distancing purposes (and not only) is based on two combined concepts. Multiple places or sites request to be monitored and the chance to be notified in case of parameters (i.e. distance among people or objects) violations. High definition camera is placed on each place of interest, under 5G radio coverage (preferable FWA), while one centralized observer is located by remote. Each camera is capable of generating a 4K definition A/V stream and also locally notify an audio announce asking the people to maintain the requested distance. The multimedia video content is collected by an application running in cloud, capable of reproducing the image to the observation point and also arrange notifications (for example email) including picture timestamp demonstrating the violation instant.

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 with the possibility to also zoom the images and have a very clear vision on details.

Features

Use cases can be related to 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.
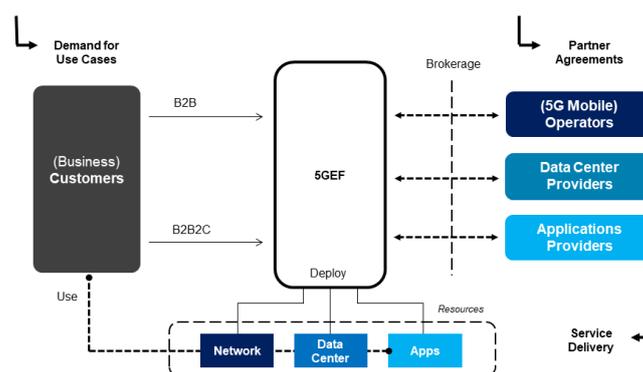- Video quality: 4K definition (up to 20 Mbps stream per flow).

5G Enabling Fabric (5GEF)

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.