Easy Broadcast

"Live exhibitions or panorama"

Easy Broadcast service allows users, distributed throughout the territory, to access a very high definition multimedia content, based on a video content produced by a 360 camera. The quality of the multimedia transmission can also reach 8K definition. The application allows you to adapt the video stream to the capacity of the observer's terminal. The service allows the participation of several users at the same time, each able to manage its own multimedia session.

The obtained video pictures are navigable by users, individually. The video stream produced by the 360 camera is managed by a cloud application, capable of managing the distribution of content on different observation points, as well as adapting - as mentioned - the band and transmission characteristics.

Users can browse the images on the four cardinal directions. The multimedia content buffering phase requires an image propagation delay that varies depending on the client-side solution. If the user uses his own device/PC, this delay can be limited to a few seconds compared to the original transmitted, while the use of Youtube introduces, due to the characteristics of the Google platform, a delay of about 10 seconds, which is not compressible, but it can be useful as a way of joining a thematic channel.

With Easy Broadcast service the customer can have a view from their home, captured through a 360 remote camera, arranged on the national territory, to attend a live event or exhibitions, and share it with other users.

Features

"High Definition 360° camera view"

Use cases can be related to Remote Assistance, TeleSurveillance, TeleMedicine scenarios.

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

- Video quality: 4K definition (up to 20 Mbps stream per flow) or 8K definition (where supported by camera and observer's device, up to 120 Mbps per flow), for up to 6 different camera eyes (therefore, up to 720 Mbps).

- Re-stiching functions provided at Cloud level.

- Broadcast on YouTube: it is possible to implement automatic live broadcast, as well as on a private server, on a chosen YouTube channel.
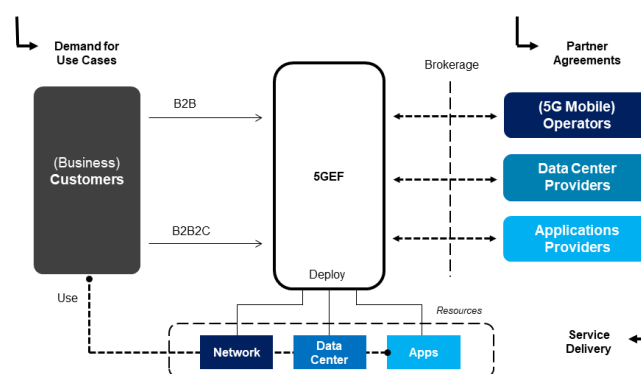
5G Enabling Fabric (5GEF)

"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.