

## Remote Controlled Robot

“Remote Robot Control is a way to look and move into a far place”

This application allows operators to remotely drive a robot equipped with a camera phone which can also be moved independently.

Quality of video transmission can reach full HD resolution and an operator can move the robot in all directions by using keyboard. Operator has the control of the gimbal taking the camera.

Video is managed by a cloud application so that also other users can connect using Chrome browser for observing the streaming. The stream is adaptive and is sent to the end user with the maximum quality available.

Robot can also automatically follow a person who stand in front of him, leaving the remote observer the capacity to move the camera for looking around. For example this can be used for remote visits in museums where a speaker can be followed by the robot and visitors can listen to the explanations and look around.

## Features

“5GEF enables Remote Control as a 5G service automatically activated”

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

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

- Video quality: 1080p or 4K in case both devices support the transcoding.
- Adaptive stream is provided at Cloud level.
- Multiple observers are supported.

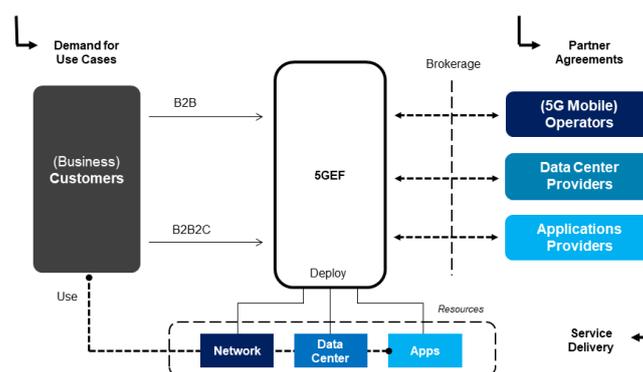


## 5G Enabling Fabric (5GEF)

“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.