



## Use Case 5: Networked Music Performance (NMP)

Music concert coverage with advanced capabilities such as high quality 360 video for remote or onsite audience with low latency streaming, music performance with remote musicians and audiences

### THE LARGE SCALE TRIAL



8/10 April 2026



Norwegian University of Science and Technology (NTNU) & Fornebu in Oslo

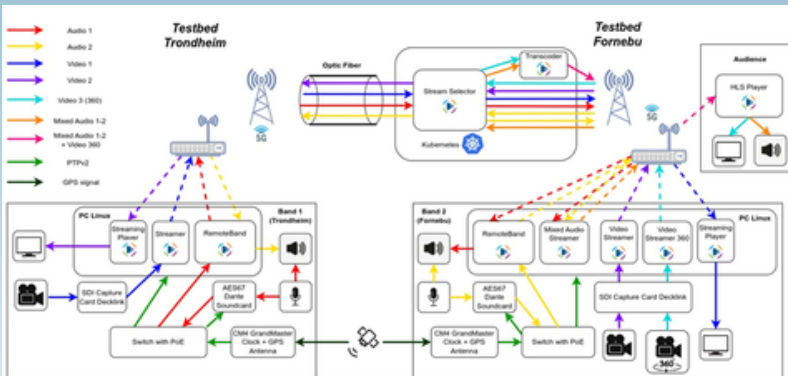


Telenor - Ektacom - NTNU

The LST of UC5 was conducted in mid-April across two sites in Norway, separated by 520 km. The trial demonstrated real-time remote collaboration scenario. Here musicians performed real-time music co-play together online regardless from locations. The solution can involve various instruments such as guitar, piano, and drums, as well as singing. This can save time and travel costs and makes participation possible even in cases of bad weather or illness.

### THE OBJECTIVES

- Assess NMP application/solution with respect to network performance (latency and jitter are more crucial than throughput) and degree of high precision time synchronization between end devices
- Exploration of multi-site time telecommunication and flexibility by having users with multiple independent wireless (mobile) devices generating independent audio and video streams.



# Key Value Indicators (KVI) in Use Case 5

## COMMUNITY PREPARATION/ CULTURAL CONNECTION

Use-cases reflect diversity of local communities they should benefit

## INCLUSIVITY/ REPRESENTATIVE

Use-cases reflect diversity of local communities they should benefit

## TRUSTWORTHY

- Create dependability of service for potential user
- Able to perform the session successfully, no matter their location

## ENERGY EFFICIENCY

Reduced energy use in use case configuration and impact

## DIGITAL INCLUSIVITY

Improve ability of all to participate in and benefit from a service.

## FLEXIBILITY

Optimal Resource Allocation

## PRIVACY

Privacy preserving in ways that support confidentiality of the person (communication, movements, interactions, etc.) as needed for users