



## Use Case 4; Advanced sports area media services

Focus on the live uploading of Professional User-Generated Content (PUGC) and standard User-Generated Content (UGC) during sports events.

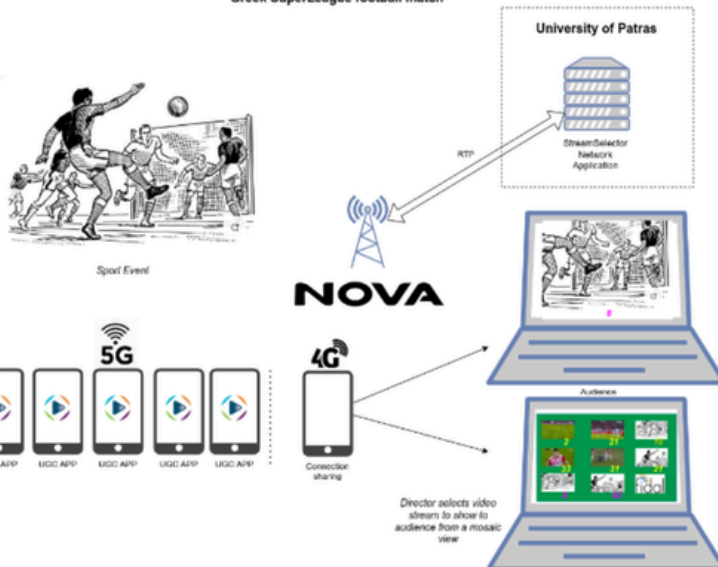
MEDIA



### THE LARGE SCALE TRIAL

#### FIDAL Use case 4: Advanced sport area media service

Athens, Peristeri stadium  
Greek SuperLeague football match



December 25  
March 26  
April 26



Atromitos FC stadium /  
University of Patras



Nova/ Ektacom /  
UoP / PNET

**LST1:** Streamers were distributed across stadium stands to provide multiple viewpoints, EKTACOM monitored stream selection and playback. participants streamed over NOVA's network and periodically stopped/restarted streams to emulate real user behavior.

**LST2:** In a university 5G testbed, UEs streamed video under different network-slicing configurations, including prioritized slices and simulated uplink congestion. Tests evaluated video quality, bitrate performance, slice transitions, and automatic bitrate adaptation while volunteers captured live scenes.

### THE OBJECTIVES

- LST1: Tested the system in a real stadium environment to identify issues and assess performance.
- LST2 Preparation: Recreated the scenario in the University of Patras 5G testbed to establish reference KPIs.
- LST2: Verified fixes and confirmed that freezing and blocking issues were resolved before future live events.

# Key Value Indicators (KVI) in sub-Use Case 4

## REPRESENTATIVE

Use-cases reflect diversity of local communities they should benefit

## COMMUNITY PREPARATION/ CULTURAL CONNECTION

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

## 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

## SECURITY

Security matches sensitive nature of user and data