

# Real-Time Media Communication

Member's work in more detail...

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# Real-Time Media Communication

Overview of the work, outcomes, Execution Plan and Technical Resources

## What is this project about?

Architecture for **real-time media communication** within the 5G System (5GS) supporting services from both Mobile Network Operators (MNOs) and third parties.

- Enabling **services** like video calls, online gaming, and augmented reality (AR) **over mobile networks**.
- Support for collaboration scenarios including those for **augmented reality (AR)** services with specific functionalities such as **split-rendering** or **spatial computing** within a 5G System.



WHERE TO LOOK AT?

[Check the Execution Plan](#)  
[All the Technical Resources](#)  
[Information on Standards](#)  
[Reference Tools Project](#)



# Real-Time Media Communication

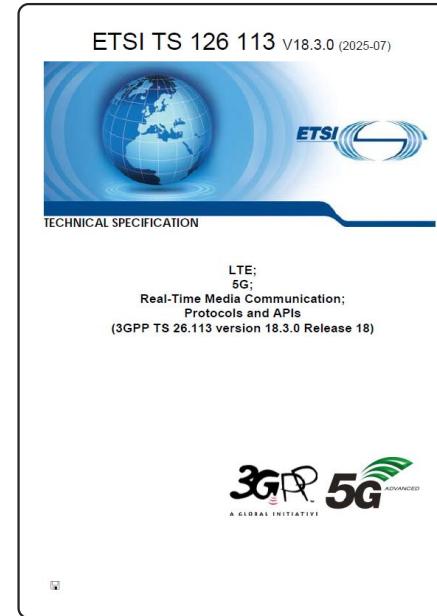
## Overview of the work, outcomes, Execution Plan and Technical Resources

# What are the members doing?



## Standards

- Documentation on RTC Architecture for media delivery
  - 3GPP Standardization tracker and relevant Work Items



```

</File>
</FDT-Instance>
5 10 0287850400 127.0.0.1 232.0.0.1
6 10 0287850400 127.0.0.1 232.0.0.1
7 10 0292257584 127.0.0.1 232.0.0.1
8 10 029331155 127.0.0.1 232.0.0.1

me 5: 725 bytes on wire (5800 bits), 725 bytes captured (5800 bits)
[ether II, Src: 00:00:00:00:00:00 (00:00:00:00:00:00), Dst: 00:0c:29:00:00:07 (00:00:00:00:00:07), Proto: Ethernet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.7]
r Datagram Protocol, Src Port: 36794, Dst Port: 47473
Ethernet Protocol Version 4, Src: 127.0.0.1, Dst: 232.0.0.1
r Datagram Protocol, Src Port: 5000, Dst Port: 5000
ynchronous Layered Coding
version: 1
Decode as ATSC3: False
ayered Coding Transport
orward Error Correction (FEC)
Xtensible Markup Language
<?xml
<FDT-Instance
    xmlns="urn:ETSI:metadata:2005:FLUTE:FDT"
    Expires="3962272289"
    FEC-OTI-FEC-Encoding-ID="0"
    FEC-OTI-Maximum-Source-Block-Length="64"
    FEC-OTI-Encoding-Symbol-Length="1414"
    xmlns:nbms="urn:3GPP:metadata:2007:MBMS:FLUTE:FDT">
    <File
        TOI="1"
        Content-Location="http://127.0.0.2/stream.mpd"
        Content-Length="1691"
        Transfer-Length="1691"
        Content-MD5="#TDChmInGvjqMrDCR00cZg=="
        Content-Type="application/dash+xml">
        <nbms2007:Cache-Control>
            <nbms2007:Expires>
                3962272289
            </nbms2007:Expires>
            <nbms2007:Cache-Control>
        </file>
    </FDT-Instance>
5 10 0287850400 127.0.0.1 232.0.0.1
6 10 0287850400 127.0.0.1 232.0.0.1

```

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