Main Highlights
Update on 5G-MAG activities

Roland Beutler; Victor Kueh

5G-MAG Vice Chairs

3GPP PCG, London, 25 April 2023

5G MEDIA ACTION GROUP © 2023

5G-MAG: MEDIA + ICT + COLLABORATION

Service Providers
Broadcasters
Media Platforms
Technology Vendors
Network Operators
System Integrators
Software Developers
Research & Academia
Regulators
Industry Associations

GLOBAL TECHNOLOGIES AND APIs

INTERNET & 5G-BASED ACCESS

5G-MAG's relation with 3GPP standards

Pre-standards	Standards	Post-standards
Proposing Use Cases	Mapping Use Cases into Architectures	Developing Reference Tools
Creating Requirements	Profiling Specifications	Providing Feedback to Standards
Assessing Opportunities	Developing Guidelines	Creating Ecosystems

New Work Items recently approved

- Work kickstarted at the relevant Workgroups:
  - Standards and architecture mapping
  - Evaluation of current standardization efforts
  - Feature deployment guidelines

Feasibility Analysis AV Production over 5G

New 5G-MAG Work Item approved
WG Content Production – Standards & Architectures

«Advanced Media Services» over 5G

New 5G-MAG Work Item approved
WG Use Cases, Requirements and Opportunities

Find information about 5G-MAG Work Items at hub.5g-mag.com

Standards and Architectures

- Application of 5G Systems (>Rel-16) to AVPROD
- https://github.com/5G-MAG/Requests-for-Feedback

- Feedback on 3GPP specifications

3GPP SA4 XCHANGE

- Process open to the industry
- https://github.com/5G-MAG/Standards

- 5G-MAG aims at providing inputs (with creation of dedicated WI) from the media industry into 3GPP Rel-19 (starting with RAN and SA Rel-19 workshops in June 2023)

5G ADVANCED

Find information about 5G-MAG Work Items at hub.5g-mag.com

5G-MAG Reference Tools: 5G Media into Action

- Implementation of 5G Media services and applications over 5G Systems:
  - 5G Media Streaming unicast
  - 5GMS over MBMS/5G Broadcast (LTE)
  - 5GMS over Multicast-Broadcast Services (NR)
  - Data Collection and UE Reporting
  - Dynamic QoS Policies

slack Groups

GitHub

Check the status of the development at https://github.com/5G-MAG

5G MAG REFERENCE < TOOLS />

Open Community of Developers

Open developers' community sponsored by 5G-MAG members

Reference Implementations

Reference implementation of 5G media platform components and features

Feedback to standards experts

Facilitating exchange between developers and standardization experts

IPR-friendly License Model

Developed to foster contributions, demos, testing, commercialization

Find more information about 5G-MAG Reference Tools at developer.5g-mag.com

5G-MAG Academy: Learn, discuss, engage

- Dissemination of 5G technologies for media applications
- Collaboration with experts and external organizations

Stadiums, Arenas and Entertainment Venues
Join this 5G-MAG ACADEMY XCHANGE session
Wednesday, 5th April 2023 – 16:00 to 17:00 CEST
JOIN

5G MEDIA ACTION GROUP
ON-LINE MEETING

5G MAG MEETS Open5GS

JOIN

Sync between Open5GS and 5G-MAG
WG4 Development and Implementation

5G MEDIA ACTION GROUP
WEBINAR OPEN TO EVERYONE

5G MAG REFERENCE < TOOLS /> XCHANGE + DEMOS

JOIN

REFERENCE TOOLS XCHANGE + DEMOS
Friday, 27th January 2023 – 13:00 to 14:30 CET
On-line

5G MEDIA ACTION GROUP
MEMBERS-ONLY MEETING

5G MAG ACADEMY XCHANGE

Insight into CBRS
with Dr. Masoud Olfat
VP Technology & Ecosystem Development
Federated Wireless

JOIN

Insight into CBRS
Join this 5G-MAG ACADEMY XCHANGE session
Thursday, 16th February 2023 – 15:30 to 16:30 CET / 9:30 to 10:30 ET

5G MAG REFERENCE < TOOLS />

5G Media Streaming
in the BBC R&D standalone testbed

Richard Bradbury, David Waring, Dev Audsin, John Elliott
BBC R&D

DEVELOPER XCHANGE
developer.5g-mag.com

Find information about 5G-MAG Academy at academy.5g-mag.com

Events and Promotion

- Getting 5G Media closer to the public and the media industry

Find information about Events at www.5g-mag.com/events

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Activity Hub
https://hub.5g-mag.com

Developer Space
https://developer.5g-mag.com

Academy
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