

Press Release

FOR IMMEDIATE RELEASE

TeamCast enables terrestrial and satellite UHDTV Phase 2 broadcast within the 4EVER-2 Project

Rennes (France), July 05, 2017 – **TeamCast**, the world-renowned leader in digital modulation technologies for Digital Terrestrial Television (DTT) and Satellite Applications, has significantly contributed to the progress of definition and validation of UHDTV-Phase 2 through the 4EVER-2 project.

As a follow-on from the collaborative 4EVER Project, which worked on UHDTV Phase 1 – i.e. 4K ultra high definition images, HEVC encoding and end-to-end production, from 2012 to 2015 – the 4EVER-2 Project has aimed to explore further components relating to UHDTV Phase 2 – namely High Dynamic Range (HDR), High Frame Rate (HFR) and advanced Audio.

The nine 4EVER-2 partners have worked not only in the laboratory with subjective testing, but also on real life applications, including end-to-end production of live experimental programmes. The results from the project have formed significant contributions to the international UHDTV ecosystem: standardisation bodies, industrial forums, consumer and professional equipment manufacturers.

Among the many achievements of 4EVER-2, we can highlight: World Premiere live production of a hockey match, using UHD-TV « HFR » at 100 frames per second and Dolby AC-4 audio, in April 2017; a NAB Technology Award, received at the NAB Show 2016 for UHDTV HDR and HFR demonstrations over ATSC3.0; several live UHDTV Phase 2 retransmissions of Opera performances; the shooting of a short movie in UHDTV Phase 2, etc.

Most of these UHDTV programmes have been locally or widely broadcast over satellite links or terrestrial transmitters using TeamCast's DVB-S2X or DVB-T2 modulators.

"Among the nine French partners involved in the project, we were most honoured to support the project on the broadcast side, leading the work on satellite content contribution, plus satellite and terrestrial content distribution, thus demonstrating the feasibility of UHDTV broadcasting with the latest HEVC encoding and S2 or T2 modulation techniques" says **Eric PINSON**, Business Unit Manager at TeamCast.



About 4EVER-2:

4EVER-2 (www.4ever-2.com) is a collaborative project supported by the French government and local authorities, gathering nine French academic and industrial partners: Orange, AMP Visual TV, ATEME, France Televisions, Globecast, Highlands Technologies Solutions, INSA/IETR, TeamCast and Telecom ParisTech. 4EVER-2 has established collaborations with public research centres as well as international industries and many manufacturers of consumer TV and equipment for content production.

For more information: **www.4ever-2.com**

About TeamCast:

TeamCast is a renowned and highly active member of the Digital TV ecosystem worldwide, with innovative technology offerings based on a solid expertise in Satellite and Terrestrial Digital TV transmission.

Created in 2003, and based at Rennes in France, TeamCast is deeply involved in the development, definition and verification of numerous broadcasting standards.

Today, major clients in the Broadcasting Industry from 50 different countries invest their confidence in TeamCast and its products. TeamCast has offices in Elmira (New York) and in Singapore to support the development of its business in North America and Asia, and to provide local sales and technical support services to its customers.

For more information: **www.teamcast.com**

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