

## Press Release

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### Xylostream releases world's first end to end HEVC contribution solution for Ultra HD at NAB 2016

#### *Ultra HD contribution made simpler with Xylostream's 4:2:2 HEVC solution*

With Ultra HD / 4K services launching in increasing numbers around the world, the importance of being able to deliver live sporting events with pristine video quality is increasing. To enable those key events to be delivered efficiently, Xylostream Technology, the leading compression company for Ultra HD, is announcing the world's first HEVC-based, end to end contribution solution for Ultra HD at the NAB Show in Las Vegas. The solution supports 4:2:2 chroma sampling and up to 12-bit colour depth as well as all the other requirements of a complete Ultra HD service, such as frame rates up to 60 fps, Rec.2020 colour space and high dynamic range signalling.

The Xylostream solution provides both ends of the contribution link, first the encoder based on its Excel 4000 product and secondly the XD4000 HEVC decoder. The Excel 4000 supports resolutions from HD to the full Ultra HD specification including 4:2:0 / 4:2:2, up to 12-bit colour depth as well as HDR and WCG, at frame rates up to 60 fps. With a unique approach incorporating software defined video processing and programmable hardware, the encoder is able to deliver latencies of just a few frames. The decoder has matched functionality and is hardware based so delivers very low decoding latency. The output from the decoder is via the industry standard 4 x 3G-SDI providing a simple interface to the headend for onward distribution to the home.

"With Xylostream offering a complete end to end contribution solution, it is now possible for sporting events to be delivered using HEVC for the first time" said Graham Cradock, CEO of Xylostream. "This will allow operators to discard the makeshift multi encoder approach which has been plagued by synchronisation problems" he concludes.

Visitors to Xylostream's booth at SU9214 will be able to see the company's baseband player in operation. This product, the XP4000, is an ideal starting point for anybody wishing to start developing an Ultra HD services as it provides a reliable, low cost ultra HD baseband video source for laboratory and service development.

#### **To Editors**

Xylostream Technology is a leader in HEVC compression focused on enabling high quality Ultra HD television through the delivery of real time, high performance products.

The company was established in the United Kingdom at the beginning of 2013 by broadcast industry professionals with broad experience in R&D, product development, marketing, sales and delivery across a wide range of businesses, including the compression space. The company is based at the Southampton University Science Park in the United Kingdom.

Xylostream is committed to ensuring that Ultra HD is a stunning consumer experience that becomes a must have service for all leading broadcasters. In short, delivering Ultra HD as it's meant to be.

#### **For further information please contact:**

Mr Adrian Bell, T: +44 2381 290 203, E: [adrian.bell@xylostream.com](mailto:adrian.bell@xylostream.com)

**Ultra HD as it's meant to be**