

Press Release

Xylostream Technology shows Excel 4000 real time HEVC encoder designed for Ultra HD at IBC 2014

Xylostream Technology, the leading Ultra HD compression company, has today announced that it will be showing its latest Ultra HD HEVC encoder, the Excel 4000, at IBC 2014 in Amsterdam, booth 2.A48.

HEVC encoding for Ultra HD is incredibly processing intensive. Not only does Ultra HD involve higher resolution, frame rates and colour depth, the HEVC algorithm is also significantly more complex than H.264. This leads to HEVC encoding for Ultra HD being at least 100x more complex than H.264 encoding of today's HD.

Xylostream Technology, based in Southampton, UK has taken a unique approach to addressing that complexity for real time encoding by using a hardware-based, high performance computing platform. This has the benefit of combining a fast and flexible software development process with the processing power of custom computing hardware needed to deliver exceptional Ultra HD compression performance. With that platform Xylostream launched the world's first single slice encoder designed for the extremes of Ultra HD, including frame rates of up to 60fps and 10-bit colour depth at NAB in April 2014. Graham Cradock, CEO of Xylostream commented "The approach that we have taken to the development of the Excel 4000, utilising a proven high performance computer platform, delivers excellent picture quality from single slice encoding of Ultra HD in one 2RU unit making it a unique product in today's market."

For a full demonstration of Ultra HD as it's meant to be, visit Xylostream Technology on booth 2.A48 at IBC.

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 encoders.

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 and is supported by the SetSquared university business incubator.

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.

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