

World's First Ultra HD 4K Media Mobility Solution

Written by Roger Douglas
06. January 2014



Can you get 4K on a mobile device? Morega Systems works with ViXS Systems to be first to market with **an Ultra HD 4K mobile media solution**.

ViXS' 8th-generation XCode 6400 10-bit HEVC Ultra HD System-on-Chip (SoC) is the first chip available on the market to meet the challenges of 10-bit media processing in a single low-power, cost-effective package – and that will help drive the transition to Ultra HD across the entire content distribution value chain.

The XCode 6400 delivers Ultra HD 4K content at the full resolution of 3840x2160 up to 60 frames per second in Main 10 Profile. The 10-bit HEVC processing enables greater than 1 billion colors, creating smoother color transitions that resolve color-banding issues plaguing lower bit-depth formats.

Morega's solution takes Ultra HD beyond the big-screen TV to all the other screens that matter to consumers, in either streaming format or as a file transfer for offline viewing. Morega has a complete system that includes:

- a Media Mobility application embedded on video source devices (e.g. IP video gateway)
- applications for all mainstream consumer device platforms (iOS, Android, MacOS, Windows), and servers in the cloud to handle user & device management, remote access, and capture of usage-based statistics with analytics.

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Using Morega's technology, any company can now rapidly deploy reliable and scalable 4K media mobility solutions.

Hoping to sign up device makers and telecom providers, Morega will showcase its Ultra HD 4K solution in the ViXS booth at the 2014 International CES, January 7-10 in Las Vegas.

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