For Immediate Release:

Nextera Video Announces NMOS IS-08 as the Latest Addition to their Industry-Leading 2110 Video Over IP FPGA Core Set

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March 26, 2019 – El Dorado Hills, CA – Nextera Video and Adeas are proud to announce that their industry-leading ST2110 Video Over IP FPGA cores now support NMOS IS-08 Audio Channel Mapping. Nextera/Adeas' IP core set is the only turnkey ST2110 solution on the market that offers all of the components required for professional media transport over IP. In addition to providing a fast time to market and a small FPGA footprint, the Nextera/Adeas solution is fully modular, which allows customers to choose any combination of cores providing a solution specifically tailored to their needs.

IS-08 was developed by the Advanced Media Workflow Association (AMWA) as part of its Networked Media Open Specifications (NMOS) initiative. This work supports the development and interoperability of new IP-based professional media solutions. The NMOS specifications are recommended by the European Broadcasters Union (EBU) as part of their "Minimum User Requirements to build and manage an IP-based Media Facility."

As the latest development in the NMOS ecosystem, IS-08 introduces Audio Channel Mapping, a key feature enabling audio channels to be re-mapped at the transmitter or receiver. The IS-08 API interacts seamlessly with the IS-04 Registry and IS-05 Connection Management API, allowing the routing of multiple diverse audio streams to any receiver.

IS-08 Audio Channel Mapping is crucial for all ST2110 IP video applications where audio streams need to be combined independently of their associated video streams, a common requirement for broadcast and production studios. This capability was present in SDI-based routing systems, and IS-08 enables the same capability in IP.

Nextera/Adeas' 2110 IP core set has been validated at multiple industry interop events. The Nextera/Adeas solution will be demonstrated at NAB 2019 in Las Vegas at the Nextera booth SL10230, and for the second year in a row at the NAB IP Showcase (C12634), where the new IS-08 feature will debut in the Future Zone.

About Adeas:

Adeas is an independent design house developing customer-specific electronic products and (embedded) systems serving our worldwide customer base. We develop and integrate IP, modules, boards and systems to specification for customers in the broadcast and pro AV industry and specialize in FPGA and SoC-based solutions.

About Nextera Video:

Nextera Video is a video processing firm whose mission is to solve the problems required to enable video over IP and hardware virtualization as part of the future software defined data center for broadcast. Nextera has teamed with Adeas to deliver comprehensive solutions for Video over IP enabling A/V equipment manufacturers to seamlessly transition to IP.

More Information About AMWA NMOS:

https://www.nmos.tv/about_specifications.html
https://tech.ebu.ch/docs/tech/tech3371.pdf