Creonic's DVB-S2 and DVB-S2X IP Cores Now Support the New DVB-NIP Standard

Kaiserslautern, Germany – June 24, 2025 – Creonic's DVB-S2 and DVB-S2X IP cores now include support for the new DVB-NIP standard on physical layer — an important step toward seamless integration of satellite and IP-based network technologies.

The DVB-NIP standard is designed to facilitate the native transport of IP over satellite networks, extending the capabilities of DVB-S2X by streamlining packet-based data delivery. With this extension, Creonic's IP cores can be deployed in systems targeting IP-native broadcast and broadband services over satellite, such as direct-to-home IP multicasting or 5G backhaul.

Creonic's DVB-S2 and DVB-S2X IP cores provide essential digital baseband functions including modulation, demodulation, FEC encoding/decoding (LDPC/BCH), frame synchronization, and symbol timing recovery. Support for DVB-NIP enhances the interoperability of these cores with modern terrestrial IP infrastructure, enabling more integrated and efficient end-to-end communication systems.

This update supports a smoother transition from legacy transport stream-based systems to IP-centric architectures and allows system developers to meet the demands of modern satellite and hybrid networks with minimal redesign efforts.

For further details, contact sales@creonic.com or visit www.creonic.com.

About Creonic

Creonic is the ISO 9001:2015 certified leader in ready-for-use IP cores, offering a rich services and product portfolio for wired, wireless, fiber, and free-space optical communications. Covering essential digital signal processing algorithms such as forward error correction, modulation, equalization, and demodulation, as a preeminent provider, our solutions support industry standards like 3GPP 5G, DVB-S2X, DVB-RCS2, CCSDS, and Wi-Fi. Designed for ASIC and FPGA technologies, Creonic's products meet the highest benchmarks of quality and performance. Trusted by dozens of customers worldwide, from innovative start-ups to global corporations, our IP cores power communications devices and chipsets, satellites, and NewSpace ventures, enabling unparalleled reliability and success in advanced communication systems.

For more information, please visit www.creonic.com.

Location	Contact	
Creonic GmbH	Kevin Christoffers	Lisa Negrinotti
Bahnhofstr. 26-28	Director - Business	Marketing and
67655 Kaiserslautern	Development and Sales	PR Manager
Germany	sales@creonic.com	marketing@creonic.com