

## FOR IMMEDIATE RELEASE

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### FuturePlus Systems Enhances FS4500 Protocol Analyzer with Comprehensive eDP 1.4b and 1.5a Support

Merrimack, NH – FuturePlus Systems, a leader in protocol analysis tools for advanced computer bus design, is proud to announce a powerful new capability for its FS4500 DisplayPort Protocol Analyzer: comprehensive support for Embedded DisplayPort (eDP) 1.4b and 1.5a.

This upgrade further extends the FS4500 industry leadership for an eDP analyzer, enabling developers to trigger, capture, decode, and analyze the latest versions of eDP traffic across both the high-speed Main Link and the bidirectional Aux channel—without requiring a reference sink or source.

Key New Features Include:

- Support for all 4 lane modes of eDP 1.4b and 1.5a
- Full Main Link and Aux Channel Analysis with time correlation between them
- Complete triggering suite for every defined eDP event, including PHY-level K-character detection
- Hardware and software filtering to store only the events of interest in the 16Gb trace buffer
- Packet-by-packet decode and frame visualization for precise, pixel-level debugging
- Audio playback and visual frame reconstruction using captured data (open source tools available on GitHub)
- Powerful CheckDPSpec™ software to validate protocol compliance against the eDP standard
- Remote Interface (FS4507) for automated test scenarios and lab control

In addition, the FS4500 is supported by a comprehensive line of eDP probe boards and repeaters—including 30-, 40-, and 60-pin models—allowing for seamless connectivity to a wide variety of laptop and embedded designs. FuturePlus Systems brings many years of experience designing probing solutions for eDP, ensuring that our tools provide unmatched signal integrity, protocol visibility, and analysis capabilities tailored to the needs of display system developers.

"This upgrade makes the FS4500 the most complete and flexible solution on the market for engineers developing and validating eDP designs," said Barb Aichinger, Technical Director at FuturePlus Systems. "Our customers now have a single tool that can trigger on the exact event of interest, correlate traffic across channels, and analyze audio and video behavior at the protocol level—all without needing a reference sink or source."

The FS4500 with eDP support is available immediately as an upgrade to existing systems or as part of new purchases. The Probe Manager software is included and compatible with Windows 10 and later.

For more information or to request a demonstration, visit [www.futureplus.com](http://www.futureplus.com) or contact:

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#### About FuturePlus Systems

FuturePlus Systems is a technology leader in advanced protocol analysis solutions, delivering innovative tools for high-speed computer and display interface validation. From DDR to DisplayPort, FuturePlus helps engineers design tomorrow's systems today.