



EEG PRESENTS AN EXPANSIVE LINE OF HD WORKFLOW AND CLOSED CAPTIONING SOLUTIONS AT NAB2010

Highlights Include the first Caption Legalizer for MPEG workflows, Debut of openGear DE1285 Card, plus 3D Captioning and Titling System Demonstration

NAB SHOW 2010, BOOTH # SL9120: EEG (www.eegent.com), the industry leader in HD workflow and closed captioning, arrives at NAB Show 2010 with an expanded lineup of hardware and software solutions.

Broadcasting and post production will see an innovative range of new systems from EEG at this year's show. Highlights of the company's latest offerings include an advanced new solution for **3D Closed Captioning and titling**, as well as a **new offline Caption Legalizer that rapidly processes MPEG streams for VOD libraries and other compressed workflows**. EEG's first system for the openGear platform, the DE285 HD Caption Decoder/VANC Monitor card, will also be unveiled.

Also on display from EEG at NAB Show 2010 will be the **HD480 Smart Encoder V**, with updated features supporting CC insertion, AFD, and audio metadata; EEG's industry-leading line of **VancMatte DE285 and DE280 monitoring decoders**; the critically-acclaimed **CB512 Caption Legalizer**; along with a new generation of features for the **iCap Realtime Captioning System**.

"The needs of broadcasters continue to evolve quickly," says Philip McLaughlin, President of EEG. "EEG helps the broadcast and post sectors to keep ahead with a philosophy of non-stop R&D. At NAB Show 2010, we're showing once again that EEG is the go-to resource for HD workflow, quality control, and closed captioning solutions."

Marking the first availability of EEG's industry-leading closed captioning systems in a high-density frame-based configuration, the new DE1285 HD Caption Decoder/VANC Monitor card is a highly comprehensive monitoring solution for broadcasters and post production users. In a singular modular frame card operating on the openGear platform, DE1285 is an all-purpose closed caption decoder which creates an HD open caption display for monitoring CEA-708 data quality and full standards compliance, while also providing an extensive VANC monitoring suite.

The DE1285 card is the first of a full suite of EEG Modular Captioning Systems which will be released in 2010 for the openGear platform, enabling a unique flexible configuration for any CC workflow.

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Advanced **3D Closed Captioning and Titling** is a reality with EEG continuing to lead the way. At NAB Show 2010, EEG will demonstrate pioneering systems for authoring, encoding, and displaying 3D closed captioning. As demand for 3D content delivery explodes, the call for a smooth transition of closed captioning solutions is being answered by EEG.

EEG's **CB512 DTV Caption Legalizer™ /Relocating Bridge** has become an indispensable tool to broadcasters nationwide. With its ability to solve difficult-to-debug captioning problems by ensuring a fully compliant data stream, this award-winning system can almost completely eliminate broadcast engineers' downtime from DTV captioning-related difficulties. At NAB Show 2010, EEG also introduces a high throughput **MPEG-based** version of this essential solution, which can be used to rapidly standardize large libraries of compressed video assets. Just as the HD-SDI CB512 was the answer for full 608 and 708 compliance in linear broadcast, the MPEG Caption Legalizer is the sure thing for VOD and archived file libraries.

The **HD480 Smart Encoder V** is EEG's industry-standard digital closed captioning solution, designed with the needs of broadcasters in mind to streamline and integrate the Line 21/HD-VANC encoding process into one powerful box. The HD480 has a compact and robust platform, designed to support a wide variety of powerful ancillary data software on-board. All HD480s include EEG'S iCap™ Realtime Captioning System, which taps the power of IP connections for vastly increased quality, security and manageability compared to dial-up connections. Add-on software modules for processing, encoding, and legalizing AFD and Audio Metadata add even more value to this versatile package. The latest CC insertion module will also be on display.

With the **VancMatte series of DE280, DE282 and DE285 decoders**, the industry's most reliable decoders for Closed Captioning compliance combine with VANC analysis tools that reaching far deeper than even a waveform monitor can go. Live monitoring features include complete VANC and HANC packet presence detection and sorting, highly customizable pause-and-resume triggers for detailed data analysis, and fully automated packet logging. These features are combined with two full-resolution HD-SDI outputs with overlay of any CEA-608 or CEA-708 decoded CC service, plus on-screen display of AFD, XDS and Audio Metadata values, video error alarms, and an 8-channel level and phase meter for AES embedded audio. EEG decoders provide a broad test and monitoring solution, at a fraction of the price it would take to obtain similar features through alternative systems.

EEG's **iCap Realtime Captioning System** continues to extend broadcasters far beyond the traditional limitations of previous analog-based closed captioning platforms, tapping the power of IP connections, cryptographic security, and a robust server-based system. New software features on display for the first time at NAB include a multi-encoder Monitoring Suite for broadcast networks, revamped remote Administration tools, and iCap Textcast, an integrated mobile application for providing accessibility compliance at public events including arenas and conferences.

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The complete range of EEG hardware and software will be at NAB Show 2010. On display will be its full line of industry-leading solutions for HDTV captioning, HD VANC data insertion, NTSC captioning, caption data bridges, network alert systems, CGMS-A and V-chip monitors, VBI control systems, and analog-to-SDI VBI bridges.

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Visit EEG at Booth # SL9120 throughout NAB2010 to learn more about the full range of captioning solutions from EEG. Or Call S. Eric McErlain, Sales Director for EEG, at 516-293-7472 extension 102 to schedule a demonstration at the Show.

About EEG:

EEG offers the most complete line of Closed Captioning, XDS (V-Chip) and ancillary data encoders, decoders and software for the broadcast, post production, and educational industries. The company's 25+ years of experience in the fields of Closed Captioning and ancillary data distribution provides the most stable equipment base available. In addition, EEG's continuing participation in various industry working groups allows the company to incorporate and maintain the latest advances in Line 21 technology throughout its product line. EEG products are fully compliant with EIA-608 for analog and digital NTSC video and EIA-708 for HDTV video standards, and are designed and manufactured in the United States of America. For more information, please visit www.eegent.com.

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