

New Recording & Fail-safe Features for Matrox Maevox

Written by Bob Snyder
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Matrox Graphics Inc. brings three important features to **Matrox Maevox 5100 Series H.264 encoders/decoders** that will be demonstrated for the first time at ISE 2014.

Maevox encoders will soon support high quality H.264 video recording to a network-shared drive or NAS at resolutions up to Full HD 1080p60 with zero-latency pass-through of the video and audio signals, making it ideal for medical, transportation, military and surveillance applications.

Maevox decoders will soon provide a built-in fail-safe mode to ensure that pre-recorded digital signage content will automatically play on screen in the event of a lost network connection that interrupts streaming from a Maevox encoder. Clients can store the pre-recorded image or video clip in the decoder's internal flash memory. When network connectivity is restored, the Maevox decoder reverts to the streaming content.

Maevox encoders bring another enhancement to digital signage applications. In addition to streaming to Maevox hardware decoders, Maevox encoders can be used to stream directly to digital signage software players such as those from DISE.

Matrox Maevox 5100 Series encode/decode systems are in use for video distribution over

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standard IP networks for collaborative video walls, manufacturing and automation, process control, digital signage and other applications.

Maevox H.264 encoders and decoders capture, stream, and decode video from a variety of sources for video distribution over IP and allow for software-based decoding on non-Maevox devices.

Bitrates are user definable between 100Kbps and 25Mbps allowing for multiple streams on both 100Mb and 1000Mb standard networks. Alternatively, the Maevox encoder functions as a video recorder, capturing MP4 files to NAS at resolutions up to 1080p60 for later review. Maevox units come bundled with **Matrox PowerStream** software, allowing for easy remote management of Maevox devices and enabling a wide variety of user-defined stream-management or recoding features.

The Matrox Maevox encoder can be used to stream directly to digital signage players now. **The new recording feature will be available via firmware upgrade at no additional charge in Q2 2014**

. The Maevox decoder, available now, will add the new fail-safe feature via firmware upgrade at no additional charge in Q2, 2014.

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