

## Video Security eNews – August 2007

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### **New Version of VSIP2 Encoder Firmware with 'CVQ'**

Ateame have recently released a brand new version (2.2.0.0) of their VSIP2 firmware. This includes a brand new 'CVQ' Constant Video Quality video compression function, which can operate with a maximum bit rate set but operates at lower bit rates/frame rates for un-demanding scenes (no action), whilst maintaining a selected video quality. CVQ saves important bandwidth and storage space, resulting in 60% savings comparing MPEG4 and H.264 with CVQ. This new version supports high quality D1, full frame rate encoding down to 800kbps.

Email [sales@kanecomputing.com](mailto:sales@kanecomputing.com) for further information.

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### **Download MPEG4/H.264 Encoded Clips**

A number of video clips can be downloaded to check out VSIP2 performance running MPEG4 and H.264 encoders mentioned above. These recordings were generated using Ateame's NVR software.

[ftp://mood.ateme.com/vs\\_stream/H264\\_25\\_fps.zip](ftp://mood.ateme.com/vs_stream/H264_25_fps.zip)

[ftp://mood.ateme.com/vs\\_stream/H264\\_12\\_fps.zip](ftp://mood.ateme.com/vs_stream/H264_12_fps.zip)

These show similar quality with MPEG4 at 2Mbps and H.264 with CVQ at 700Kbps. It is recommended to use the Ateame PC Player for decoding/display with the statistics screen activated.

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### **Ateame PC Network Video Recorder (NVR) Software**

The Ateame NVR (Network Video Recorder) is a software based solution that manages the recording of network video security systems for OEM customers. The powerful recording Engine has been optimised to provide maximum performance enabling efficient recording that will maximise search and retrieval of video and ensure the best possible start for the management of Video Security System. The Ateame NVR was designed with flexibility and scalability in mind. Installation of this software will turn a standard PC into a network video recording system.

The basic NVR does not include a Video Server Manager to allow management of the live and recorded stream from one web interface but Ateame plan to announce their own VSM software, later this year.

Visit [NVR](#) for further information.

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**Advance News: ViSiO2 Quad MPEG4/H.264 Encoder**

ViSiO2, due to be formally announced and available later this year (October) offers simultaneous encoding of 4 channels of MPEG4 or H.264 at 4CIF resolution and full frame rate with (AAC-LC audio encoding if required). It is possible to store locally, using a separate SATA 320GB module (one week 4x4CIF at 1Mbps) or video can be streamed for remote viewing or storage (possibly using Ateme's NVR software).

Email [sales@kanecomputing.com](mailto:sales@kanecomputing.com) for further information.

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**Vision-Eye H.264 Video Server Package (with PC-DVR)**

The Vision-Eye DS-4000-HCI-VSP package includes the existing DS-4000HCI H.264 PCI encoder hardware with brand new Vision-Eye Video Server Software (DS-4000HCI-VSS) with PC-DVR function; flexible event management; video over HTTP; pan, tilt and zoom; remote control; streaming of JPEG and much more.

Visit [Vision-Eye](#) for further information.

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**Vision-Eye H.264 Video Server Software**

This product is the Vision-Eye Video Server Software (DS-4000HCI-VSS) mentioned above for users who already have DS-4000HCI hardware.

Visit [Vision-Eye](#) for further information.

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