

4FORUM MPEG-4 enterprise Webcasting System

Introduction:

4Forum enterprise webcasting system is a plug and play appliance that records and broadcasts interactive MPEG-4 presentations to desktop and set-top box viewers over IP networks. 4Forum produces live events with low latency and on-demand content as single interactive MPEG-4 files. These files can be distributed for local playback or streamed from an MPEG-4 server.

4Forum system is very flexible turnkey system ready for small webcasting deployments catering 2 to 100 simultaneous users depending on bit rate. It consists of hardware components with a web-based remote administration application, encoders and a pack of 100 licenses of the Envivio TV player for playback. It also includes 4Sight STD software edition to stream live and on-demand content.

4Forum MPEG-4 enterprise webcasting system can be used for various applications in corporate communication, executive messages, marketing messages, telemedicine, financial presentations, corporate training, software usability testing, distance learning, academic lectures and training content production.

Features and Benefits of 4Forum MPEG-4 system

Ultra low latency in live mode, below 1 second (end to end delay from presenter to viewers). Viewers can simultaneously use telephone or chat to interact with presenter.

Can share anything displayed on presenter's screen, including mouse pointer. Not limited to powerpoint, no need to preload presentations in advance: Plug&Stream

Perfect quality capture with resolutions up to 1600 x 1200. The decoded image is identical to the presenter's screen, and small text fonts remain sharp: no downscaling, no color space or scan conversions.

Easy to use: Web-based wizard remote control interface. No need for IT or video post-production knowledge.

Presentations are recorded as single interactive MPEG-4 files that are streamable or playable locally. Greatly simplifies distribution workflow of live and on-demand content.

MPEG-4 interactivity allows viewers to interact with the content, zoom, navigate. Engaging and interactive viewer experience for increased attendance and participation.

Exclusively based on one open standard – MPEG-4. Cross-platform playback on PC (through Envivio TV player, an MPEG-4 plug-in to RealPlayer, Windows Media, QuickTime, Internet Explorer), Macintosh, set-top boxes and any MPEG-4 compliant playback device.

Fully scalable in both Multicast and Unicast modes using Envivio 4Sight servers or MPEG-4 partners Content Delivery Networks. Deployment seamlessly grows as the viewer base grows.

Encoding presets. Choose existing presets, or customize them to fit within bandwidth constraints

Simple to use, web based post production interface. Edit presentations with interactive indexes for easy navigation, or create presentation highlights.

Automatic installer transparently enabling viewers on their first attempt to view MPEG-4 content. Easy deployment of the MPEG-4 client.

Optional additional components that can be used with 4Forum enterprise webcasting system are 4Sight PRO MPEG-4 video streaming server, 4Mation multimedia MPEG-4 authoring tool and 4Forum client pack of 500 client licenses.

4Forum enterprise webcasting system can be configured to suit customer needs. Some configuration examples are

- 1) Interactive file production (e.g., training/usability testing) with 4Forum Producer
- 2) Initial deployments (2 to 100 viewers (e.g., classroom/small conference)
- 3) Scalable deployments (homogeneous networks – 100 to thousand viewers)
- 4) Scalable deployments (mixed unicast/multicast) network

Similar products

To cater for webcasting needs of the customers with limited number of customers, Envivio has a portable webcasting system Envivio 4Forum Lite. This is an affordable and portable appliance for multi-object MPEG-4 webcasting in enterprise, education, and government environments

Envivio recently announced that it is coming out with a new product "4Caster Broadcast Series Real-Time MPEG-4/H.264 Encoder" which extends the capability of 4Forum MPEG broadcast systems to include MPEG-4 AVC/H.264 encoding with DVB-ASI output. It has been designed to meet the needs of all fixed and mobile professional video contribution and distribution applications. 4Caster is a key component of Envivio's carrier-grade solutions for deployment of IPTV.