



The universal content repurposing platform

**ContentAgent™ software runs on the Hewlett Packard XW 8600 hardware platform and is available either as a Standard Definition (Capture) version or a High Definition (Capture and Playout) system. Additional optional software modules may also be selected for specific applications.**

**ContentAgent may be scaled as your enterprise expands. Clustering enables work to be automatically allocated to individual processors across multiple systems. Existing customers can add further CPUs to increase performance and spread workload.**

Repurpose video for any imaginable application. ContentAgent is the natural hub of file-based working in:

- Broadcast
- Post
- Ad Agency
- IPTV
- Mobile
- Content aggregation
- Web content creation
- DVD and CD encoding
- Digital dailies, review & approval
- Corporate communications
- Education
- Government
- Archive

Key features V2.4

- High-quality, multi-format media encoding, transcoding and streaming
- Real-time Standard Definition live encoding
- Faster-than-real-time transcoding
- Comprehensive analog and digital input options including SDI
- Hardware-based video pre-processing including de-interlacing, cropping and 3D noise reduction
- Automatic field order detection
- Simultaneous output to multiple formats, resolutions and bit rates from same source
- Intuitive user interface enabling simple creation and re-use of complex workflows
- Advanced distribution capabilities including ftp, RSS and email
- Frame accurate file-based reel editing
- SQL media management for advanced metadata and media tracking
- Metadata, logo and timecode burn-in
- Workflow Designer provides graphical representation of all processes
- Network aware with watch folders and automated workflows
- Automated DVD authoring
- Embedded audio support for multi-channel capture
- Command line integration

Additional features with ContentAgent HD

- Real-time High/Standard Definition live encoding
- Faster than real-time transcoding
- Real-time SDI output

Supported formats

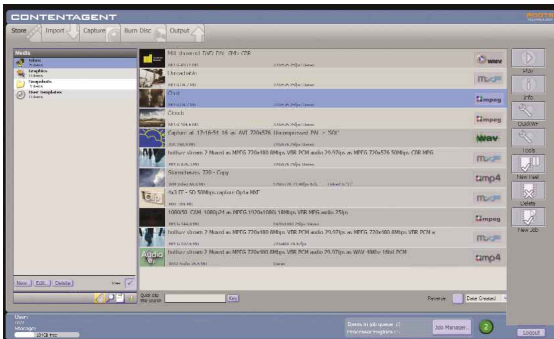
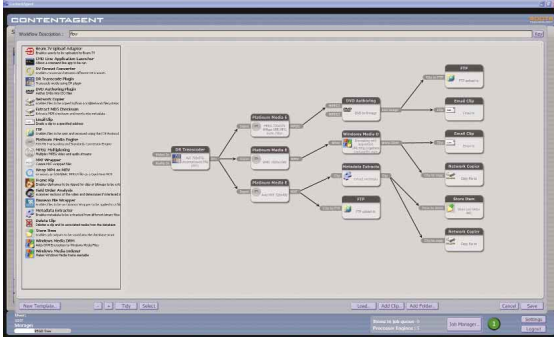
- AVI
- MPEG1
- MPEG2 (including VOB)
- MPEG4/H.264
- QuickTime Media and Reference
- Microsoft Windows Media/SMPTE VC-1
- Microsoft Windows Media Advanced Systems Format
- Adobe Flash
- Image Sequences
- Real Video/Real (Helix) 9 & 10
- Avid MXF DNxHD
- DVCPRO HD
- MXF

Audio formats

- Dolby AC3
- AAC audio
- WAV
- BWAV
- AIFF



Online demonstrations of ContentAgent  
[www.root6technology.com](http://www.root6technology.com)



ContentAgent users include:

Ascent Media
BBC
BBH
Channel Five
Deluxe
Guinness World Records
HIT Entertainment
Kodak
Moving Picture Company
MTV
Ogilvy & Mather
Red Bee Media
Technicolor
Telus
The Mill
Time Warner
Turner Broadcast
Unilever

## Software Options

### Advanced MPEG4

MPEG-4/H.264, includes specs for Blu-Ray, iPod, PSP and mobile 'phones

### On2

On2 VP6 Flash 8 Codec for encoding, transcoding and archiving to files from live, tape-based, or media file inputs

### AC-3 Stereo

AC-3 Surcode codec from Minnetonka Audio Software Inc. (Dolby Digital)

### DV

DV format converter; transcodes between DV formats including Avid, QuickTime, QuickTime DV and AVI

### IMG

Image sequence option; enables ContentAgent to playback and transcode to/from image sequences in DPX, JPEG 2K, JPEG, BMP, TIFF, PNG and TARGA

### Avid MXF File Generator

MXF wrapper; transcodes video to Avid MXF format including DNX HD

### Platinum

ROOT6 Technology's proprietary standards converter for frame rate, aspect ratio and television standards

## Hardware Options

### Tarari WMV Accelerator

This software-upgradeable FPGA-based accelerator dramatically reduces encoding time of WMV files

## Upgrades

Users are able to migrate from SD to HD systems  
Please contact reseller for more information

## Hewlett Packard Workstation

The qualified configuration for the HP XW 8600 workstation, supplied and integrated by ContentAgent resellers.

- Primary Graphics Card: ATI graphics processor
- OS Hard Disk Drive: 250GB SATA 3Gb/s
- Media Hard Disk Drives: 4 x 146GB SAS 3Gb/s
- OS Version: Win XP Pro 32-bit
- Optical Drive: 16X DVD Recorder
- Processor: 2 x Quad Core Xeon