



▶ **Anystream Agility Web** uses technology deployed by the world's top media companies to rapidly and reliably repurpose media assets for online premium services, syndication and emerging content platforms. With unparalleled reliability, it automatically ingests content from any source file, preprocesses for optimal online viewing quality, simultaneously encodes it into any number of Web formats, and delivers finished files to servers or content delivery networks for consumer viewing.

Agility Web's modular design lets users easily scale capacity and extend automation to complementary workflows such as ingesting from tape or live feeds, producing content for mobile, IPTV, or video-on-demand, or automatically converting and exchanging digital media in broadcast production workflows.

Outputs most popular Web formats

Industry's widest array of formats is constantly updated so your media reaches the broadest possible audience.

Faster than real-time batch encoding

Be first on the Web with news, sports and entertainment.

Optimized high-quality preprocessing

Proprietary preprocessing architecture creates stunning output quality.

Unified, automated workflow

Profile system boosts production reliability, output consistency; simultaneously encodes into all popular Web formats and data rates.

Production system integration

Ingests content from Mac- and Windows-based postproduction systems, broadcast servers or asset management systems.

Avid integration

ProEncode integration lets Avid editors submit encoding jobs directly from Avid interfaces.

Folder Attendant

Folder Attendant automates file and metadata submission from any system.

Metadata preservation

Carries valuable metadata through the production process for simplified media labeling, categorization, archive and search.

Server-based architecture

Lets multiple simultaneous users offload media preparation, encoding and distribution from expensive systems and stay focused on creative work.

Scalability & failover management

Scales to near limitless output volume. Intelligent, fine-grained load balancing across any number of servers. Automated failover provides 24x7 reliability.

Extensible to custom environment

APIs let you extend automation to other parts of your unique workflow. Professional Services available to provide any or all integration necessary.



Anystream. Agility Web



Your flexible, modular Agility Web system lets you scale your output volume and add complementary features, like output to mobile formats, CableLabs video-on-demand, and broadcast server format transcoding as your workflow grows. You can also centrally manage several Agility systems by adding system-wide job control, load balancing and failover management capabilities.

Minimum System Requirements

SYSTEM CONFIGURATION

Windows 2000 with SP3, Windows XP SP2, Windows Server 2003

RECOMMENDED

Dual Intel® Pentium® 4 Xeon
2 GHz or higher with 1GB RAM
100 Mbps Ethernet or 1 Gbps Copper/Fiber interface
Disk drives capable of supporting 80 Mbps sustained write speed for tape and live capture

INCLUDED

INPUT

FILE-BASED

EDITING SYSTEMS

Avid: QuickTime ABVB, QuickTime Meridien, AVI Meridien, OMF ABVB, OMF Meridien, OMF DV, DS HD, DNxHD
Final Cut Pro DV25, DV50
Pinnacle Liquid DV, MPEG-2
Adobe Premiere AVI
Matrox OpenDML AVI
Media 100: all including Square and 601

BROADCAST FORMATS

Grass Valley: GXF MPEG-2
Leitch: MPEG-2, DV25
Omneon: MPEG-2, DV, IMX, MXF
Pinnacle: MediaStream MPEG-2, DV
Quantel: Clipnet MPEG-2, eQ, sQ
SeaChange: MPEG-2, SAF, 4:2:0, 4:2:2, Layer II Audio
Sony: IMX 4:2:2, MXF D-10, VSR2000 High Definition MPEG-2
MXF: IMX, MPEG-2, DV, D10
DV: DV25, DV50, DVCPPro25, DVCPPro50

OTHER FORMATS

DVD VOB files
QuickTime: All supported formats
MPEG-1: Elementary Stream, System Stream, Layer II Audio
MPEG-2: Elementary, Program, and Transport Stream; PCM Audio, Layer II Audio, AC3 Audio
MPEG-4: ISMA, 3GPP, 3GPP2
AVI: All supported formats
DirectShow: All supported formats
WAV
Windows Media, VC-1
H.264

PREPROCESSING & MEDIA PREPARATION

VIDEO

Blur
Bumpers & trailers
Color space conversion
Contrast enhancement
Cropping
De-interlacing and interlacing
Fade-in & fade-out
In/out trimming
Field frame control
Gamma correction
Hue rotation
Inverse telecine
Noise reduction
Saturation
Support for 16x9 and other aspect ratios, add/remove letter boxing and curtaining
Temporal smoothing
Video frame rate conversion and resizing with anti-alias filtering
Watermarking
Automated thumbnail extraction

AUDIO

Compression
Fade-in & fade-out
Low-pass & high-pass filtering
Volume filtering

WORKFLOW AUTOMATION

JOB SUBMISSION

Unlimited copies of Client Interface (for profile building, job submission and monitoring)
Automated Folder Attendant
Avid ProEncode

OUTPUT

Windows Media: V7, V8, V9, MPEG4V3, ISO-MPEG4-V1
Windows Media Audio: V2/V7/V8, ACELP.net, DRM support
RealVideo10, RealVideo 9, RealVideo 8, RealAudio 10, RealAudio 8
QuickTime: All supported codecs, Sorenson 3 Pro, QDesign Music Pro 2, MPEG-4
Sorenson: Spark Pro for Flash MX
On2 Flash 8
MP3
WAV

SYSTEM FEATURES

Auto job restart
File distribution
Status notification

OPTIONAL

WORKFLOW AUTOMATION

INGEST & PREPROCESSING

Tape with RS-422 deck control
Batch capture from tape
VTR emulation
Live feed
XML metadata Folder Attendant
Automated media conforming
Indexing & scene change detection

SCHEDULING & MANAGEMENT

Timed event scheduling
Advanced triggers via IP, DTMF, GPI
Webcast stream failover (with multiple systems)

OUTPUT

Live Webcasting of Real & Windows Media
MPEG-1, MPEG-2 4:2:0, MPEG-2 4:2:2
MPEG-2 & Windows Media HD
CableLabs VOD (see Agility VOD)
Mobile - MPEG-4: ISMA, 3GPP, 3GPP2, AAC Audio, AMR Audio, QCLEP Audio H.264 (AVC Pro)
AC3 Audio
All major broadcast server formats (see Agility Broadcast)
All major non-linear editing formats (Avid, Final Cut Pro, Pinnacle Liquid)
H.264

SYSTEM FEATURES

AGILITY SDK

SCALABILITY & FAILOVER MANAGEMENT

Agility Job Manager
Agility Batch Manager
Agility Resource Manager

*Subject to change without notice