

The Leading Monitoring and Intelligence Platform for Post Broadcast Media



Broadcast
monitoring

Actus View

Web-based Broadcast and Monitoring Platform

- Records any TV, radio or internet media from any input and any format
- View one or multiple videos: live and archived content
- Closed captions, multiple subtitles, audio tracks, teletext and EPG
- Loudness monitoring
- Easy clip creation and export in any format
- Smart Player for smart streaming and easy navigation



Actus View: Video player and storyboard for easy navigation



Actus View: Multiple video players allow live and archived video in any combination

Why do I need Actus View?

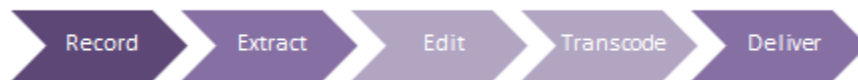
- To comply with regulations
- To work with one shared intelligent media platform for cross organization
- To monitor the competition
- To verify the quality of your content
- To easily share content

Actus Clip Factory

Content Re-purposing for OTT, Catch-up TV, VOD...

- Easily creates full HD frame accurate clips with an advanced cut-to-cut editing system
- Has the option to ingest your own files, not only recorded media

- Transcodes to any format, resolution and bitrate
- Fully automated, semi-automated or manual
- Export to email, catalogue, FTP, YouTube, send via mail, save as file, etc.
- Add customized metadata and search engines
- Multiple segment clips creation
- Ad removal



Actus Clip Factory: Multiple segment clips, metadata

Why do I need Actus Clip Factory?

- One-stop shop content repurposing for mobile, internet and OTT

- Automatic scripts – more cost effective than manual editing
- Speed up clip creation and delivery
- Higher frame accuracy than manual editing
- Content sharing
- Remove ads from programmes

Actus AdWatch

Automatic Ad Detection and Commercial Spot Reporting

- Automatic detection of ads, promos or any content
- New ads detected automatically – requires only user confirmation
- Create affidavits and compliance with visual proofing
- Detection by audio or video fingerprinting
- High accuracy detection
- Powerful report generator – build your own report per channel, spot, brand, campaign, etc.
- Customized metadata for the detected content



The screenshot shows the ACTUS AdWatch interface. At the top, there are navigation icons for Views, Catalog, Grid, Content Detector, Rating, and Alert Center. Below this is a menu bar with Markers, Detections, Commercial Blocks, and Reports. The main area is divided into a table of markers and a video player.

Time	Marker	Channel	Plotting	Approval Status	Comments
12/15/2014 4:57:37 AM	None	France 24	Low	None	
12/15/2014 3:58:45 AM	None	France 24	Low	None	
12/15/2014 3:58:05 AM	None	France 24	Low	None	
12/15/2014 3:57:09 AM	None	France 24	Medium	None	
12/15/2014 3:29:36 AM	None	France 24	Low	None	
12/15/2014 3:29:36 AM	None	France 24	Low	None	
12/15/2014 3:27:39 AM	None	France 24	Low	None	
12/15/2014 2:59:36 AM	None	France 24	Low	None	
12/15/2014 2:58:39 AM	None	France 24	Medium	None	
12/15/2014 2:57:52 AM	None	France 24	Low	None	
12/15/2014 2:56:32 AM	None	France 24	Medium	None	
12/15/2014 1:55:46 AM	Turkish Airlines	BBC World News	High	None	
12/15/2014 1:28:49 AM	None	France 24	Low	None	
12/15/2014 1:27:17 AM	None	France 24	Low	None	
12/15/2014 1:26:57 AM	None	France 24	Low	None	
12/15/2014 12:57:25 AM	None	France 24	Low	None	
12/15/2014 12:55:37 AM	Turkish Airlines	BBC World News	Low	None	
12/15/2014 12:55:11 AM	Turkish Airlines	BBC World News	High	Approved	
12/15/2014 12:44:52 AM	Offense in the game	BBC World News	High	Approved	
12/15/2014 12:27:04 AM	None	France 24	High	None	
12/14/2014 11:58:39 PM	None	France 24	Low	None	

The video player on the right shows a selected marker for 'Turkish Airlines' on 'BBC World News' at 12/15/2014 1:55:46 AM. It includes a video player with a timeline, a grid of thumbnails, and a detailed view of the marker with fields for Start Time (1:55:46 AM), End Time (1:56:31 AM), Marker Duration (00:00:25), and Detection Duration (00:00:24). There are 'Approve' and 'Reject' buttons at the bottom right.

Why do I need Actus Adwatch?

- Add verification and affidavit for the traffic department
- Comparison of ads versus competitors – business intelligence
- Visibility on advertising income
- Reducing operational costs
- Tracking unauthorized use of licensed content



Rating
Analyzer

Actus Rating Analyser

Rating and Competitive Analysis

- Import of audience measurement data (rating) for rating analysis
- Graphical display of the actual linear programmes
- Compare the change in the graph to the actual programme aired at that time
- Display any demographics' rating
- User selectable time interval for ratings' view
- Easy comparison of your rating versus competitors' ratings
- Fully interactive effective analysis
- Supports any rating format
- Builds any graphical rating graph/comparison: different channels/same time, same channel/different times, etc.



Why do I need the Actus Rating Analyser?

- The Rating Analyser is a powerful tool for rating and competitive analysis – no need for Excel files
- Easily share critical information with key people
- Faster analysis and response time
- Easy understanding of content-rating relationships
- Easily present findings to programme planners, advertisers, etc.



Actus Alerts Centre

Maintain the Best Quality of Service

- Real-time alerts for audio or video issues such as no audio, blue screen, low audio, frozen image, pixelisation, etc.
- Configurable settings for real-time alerts reporting
- Real-time email alerts
- SNMP configuration
- On-screen alerts



ACTUS
Logged in as: Administrator

View Clip Rating Monitor Search Settings Logout

Dashboard Alerts

Report

Skj Monitor Liv Monitor Liv Monitor Chi Monitor Chi Monitor S Monitor Skj Monitor BBi Monitor

OK OK OK OK OK Frozen image OK OK

Chi Monitor Skj Monitor His Monitor Cri Monitor Skj Monitor Skj Monitor Pic Monitor Skj Monitor

OK OK OK OK OK OK OK OK

Skj Monitor Skj Monitor Skj Monitor Skj Monitor Skj Monitor Skj Monitor Skj Monitor Fo Monitor

OK OK OK OK OK OK OK OK

Att Monitor Spr Monitor Spr Monitor 3D Monitor Cri Monitor His Monitor Bio Monitor Pul Monitor

OK OK OK OK OK OK OK OK

Page: 1 2 3 4 Columns: 8 Rows: 4

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Why do I need Actus Alerts Centre?

- Assures QoS and QoE for your subscribers
- Handles any audio and video issue immediately



<p>Cloud Link</p>	<p>Actus Cloud Link</p> <p>No Need to Install Anything on Your Premises</p> <ul style="list-style-type: none"> • The Actus Broadcast Monitoring Platform can be offered as an SaaS • No need to install any hardware on the customer’s site • Maximum security of user data <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p>Why do I need Actus Cloud Link?</p> <ul style="list-style-type: none"> • OPEX payment terms • Hassle free – no need to worry about hardware/software upgrades • Enjoy any new feature, new version or improvement instantly </div>
<p>Encoder Pro</p>	<p>Encoder Pro</p> <ul style="list-style-type: none"> • An advanced encoding system, integrating advanced technology for CPU usage, multi-threading, RAM and encoding software • Results in up to 40% savings in required CPU • Saves significant hardware costs with a higher number of channels per server
<p>Loudness</p>	<p>Loudness</p> <ul style="list-style-type: none"> • Monitors audio levels as per European and American standards • Records levels in momentary, short and programme average values • Mandatory by regulatory authorities
<p>Mosaic</p>	<p>Mosaic</p> <ul style="list-style-type: none"> • Ability to display one or several multi-viewer wall monitors with up to 16 channels per monitor
<p>Redundancy</p>	<p>Redundancy</p> <ul style="list-style-type: none"> • Ability to detect malfunctions in any of the servers and to manually or automatically switch to a backup server

Remote

Remote

- Ability to install remote probes, to record regional content and to access the remote recordings from the central monitoring centre

Why do I need Actus Remote?

- Allows you to monitor reception at very remote areas: another region, country or continent
- Allows you to enjoy all Actus Broadcast Monitoring Platform solutions at any remote location

TrackMatch

Actus ChangeTracker

Compare Between Two Video Streams

- Ability to compare two linear feeds, such as a primary channel and an affiliate channel, and to automatically detect any variation or modification in the secondary feed
- Automatic notification of all modified locations in the streams



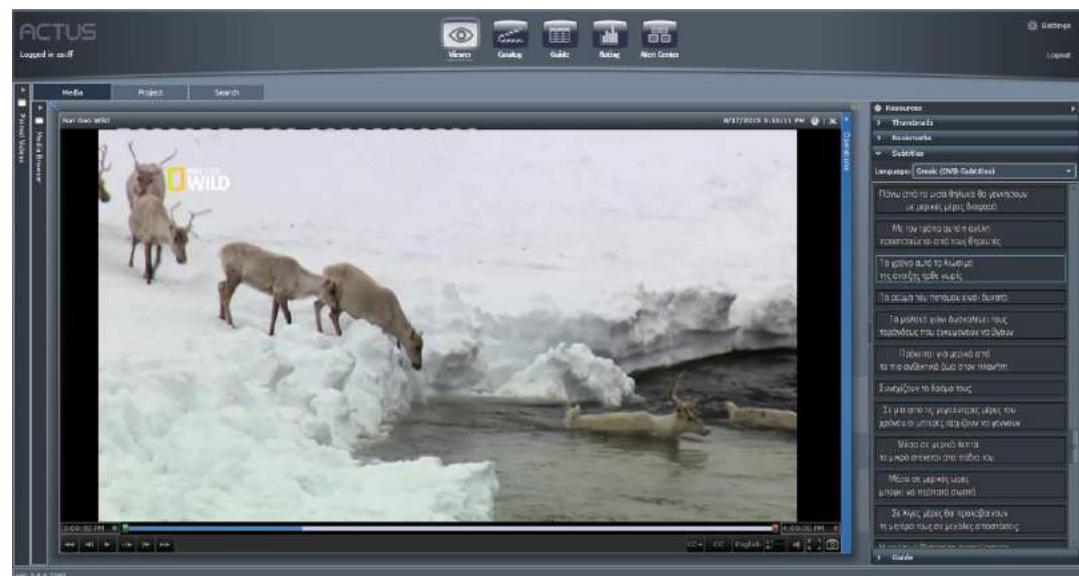
Why do I need Actus ChangeTracker?

- To insure that all channels are aired exactly as planned and without programme or ad modifications
- To obtain timely reports on any such modification
- To process large numbers of channels automatically, fast and accurately, saving manual work

Speech to Text

Speech To Text

Intelligent Content Retrieval – Automatic Keyword Notifications



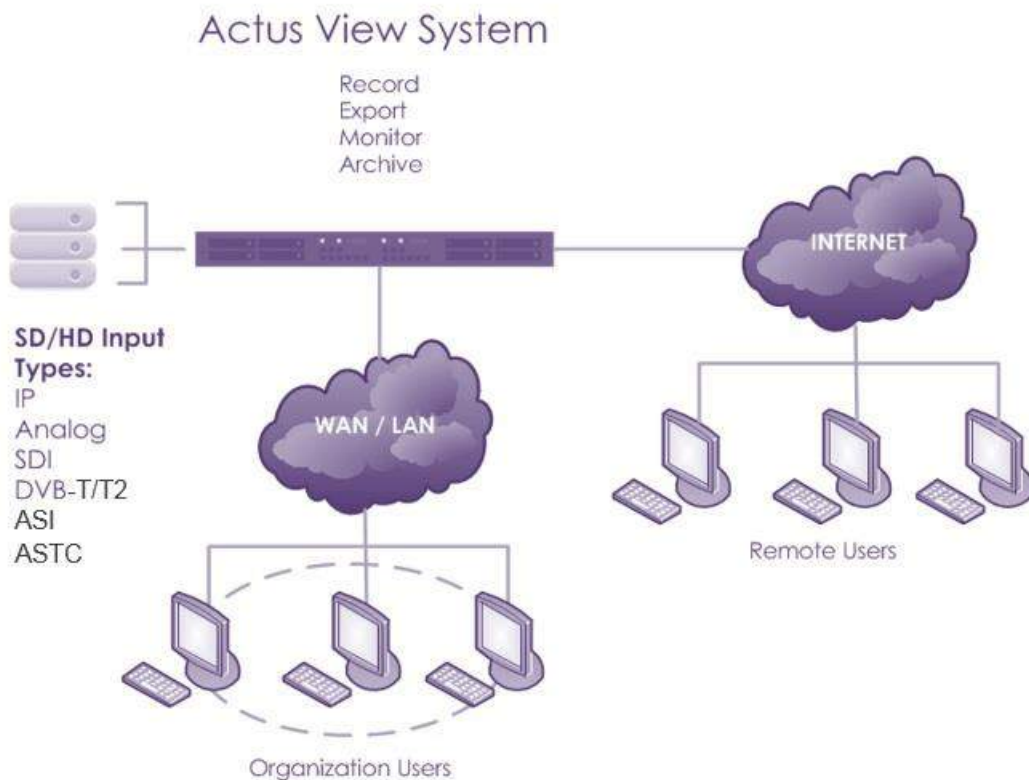
- Ability to transcode and convert any spoken word from 30+ spoken languages to text
- Ability to define keywords and automatically receive

relevant clips

Why do I need Speech to Text?

- It is the only way to search effectively in a large number of channels
- Keyword alerts ensure exposure to relevant information immediately and prevent loss of relevant content
- To save human resources and reduce costs
- It is the only way to make sure you receive the relevant information immediately
- Higher accuracy of search results

Web Based Architecture



About Actus Digital

Actus Digital is a leading provider of web-based media monitoring solutions for broadcasters, networks, cable and satellite operators, IPTV, media agencies, governments and content producers worldwide.

The Actus media intelligence platform provides powerful tools for compliance monitoring and regulation requirements, clips creation and content repurposing, rating and competitive analysis, automatic ads detection and ads verification and technical monitoring for audio and video quality.

Actus systems are deployed worldwide by hundreds of high-end customers on five continents.

For more information, please visit: www.actusdigital.com

