Automatically monitor, analyze, and index broadcast content in real time

In today’s fast-paced world, staying in sync with breaking stories and business developments can be a differentiator for broadcasters, media companies, and intelligence agencies alike. The exponential increase in video assets on the Web and the vast number of channels broadcast every day across the globe requires round-the-clock monitoring to keep track of relevant content. Manual approaches to gather this information are costly and frequently ineffective.

Autonomy Broadcast Monitoring is a next-generation technology that allows you to automatically monitor, analyze, and index live broadcast feeds in real time from digital sources, satellite and cable television, radio, and the Internet. HP Autonomy delivers the capabilities to enable you to automatically monitor multiple broadcast streams for instant visibility of breaking stories, competitor moves, and company news—in virtually any format and language.

Staying ahead with the latest information

Having access to the latest information can make the difference in how you manage your business, making the ability to stay informed a vital competency. But growing Internet-based content sources and numbers of digital TV channels can make it very difficult to monitor breaking stories. While many organizations try to meet this challenge using manual methods, the reality is that as content sources continue to multiply at unprecedented levels, making this approach nearly impossible to scale to meet demand.

Autonomy Broadcast Monitoring offers unrivalled depth and breadth of coverage across all electronic media and can monitor unlimited numbers of broadcast and Web-based channels simultaneously without compromising performance. HP Autonomy offers the world’s first technology to automatically analyze,
Features

Index, analyze, and export
• Schedule, monitor and manage live, incoming content feeds
• Real-time processing with encoding control and synchronization
• Advanced audio analysis including speech-to-text, speaker identification, entity extraction and language translation
• Advanced video analysis including key framing, keyframe detection, face recognition, logo detection and on-screen text recognition

Monitor, retrieve, organize, alert, and distribute
• Dashboard view for monitoring incoming content
• Real-time alerts and information access
• Fast, scalable and language independent retrieval and data processing with IDOL Server
• Transcript view with scrolling and translation capabilities
• Conceptual, keyword, or Boolean search functions
• Personalized views
• Review, assemble and edit content
• Create, save, and reuse for preservation and organization
• Data export to popular presentation formats including MS PowerPoint
• Export content to CD and DVD

Administration and configuration
• Multi-level default roles and configurable system access
• Web browser support for: Internet Explorer, Mozilla Firefox and Chrome
• Supports 50+ concurrent users
• Ingests 50+ broadcast channels
• Monitors 200+ web pages

Encode, and capture content from live data streams, allowing you to examine breaking stories, advertising, press coverage, and much more with unprecedented efficiency. Our sophisticated techniques allow you to generate automatic, real-time alerts so you can remain aware of relevant content as it emerges and evolves.

Get instant access to your rich media assets

Rich media assets have traditionally been considered difficult and unwieldy to utilize within organizations. However, recent research suggests that video is a powerful tool for disseminating information—and more so, a well-produced clip can increase retention by up to 50 percent. HP Autonomy’s powerful broadcast monitoring technology harnesses the value of rich media assets by automating advanced processing operations. Integrated with unique data analysis technology, HP Autonomy offers the only technology that can actually understand the content of video and audio streams, allowing you to search for content with unrivalled ease using a variety of capabilities, including:

• Speech to text
• Location
• On Screen
• Speaker
• Logos
• Keyframe
• Face
• Concepts

Cross-reference multiple languages

The ability to cross-reference information from different countries and compare dissenting opinions in an instant is vital for media organizations and news agencies across the world. This ability could provide the capability you need to gain a competitive advantage in the media marketplace. Using patented audio analysis technology, Autonomy Broadcast Monitoring offers real-time transcriptions and translations of all content to provide instant visibility of the knowledge base. This intelligence can then be leveraged across the organization. With HP Autonomy, regardless of a story’s location or language, you can know about it.

Key functions

• Advanced audio analysis
• Intelligent scene analysis
• Automatic indexing and encoding
• Automatic alerting across a range of media
• Dynamic hyperlinking to related content
• Exporting images and video in an instant

About HP Autonomy

HP Autonomy is a global leader in software that processes human information, or unstructured data, including social media, email, video, audio, text and web pages, etc. Autonomy’s powerful management and analytic tools for structured information together with its ability to extract meaning in real time from all forms of information, regardless of format, is a powerful tool for companies seeking to get the most out of their data. Autonomy’s product portfolio helps power companies through enterprise search analytics, business process management and OEM operations. Autonomy also offers information governance solutions in areas such as eDiscovery, content management and compliance, as well as marketing solutions that help companies grow revenue, such as web content management, online marketing optimization and rich media management.

Please visit autonomy.com to find out more.