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monitor IQ

An AI-empowered Platform for Compliance Logging and Monitoring

Artificial Intelligence (AI) technology combined with Machine Learning (ML) capabilities has enabled content creators and operators to record content from any point of video delivery chain, store, monitor, analyze, and repurpose content quickly and efficiently with minimum clicks.

Digital Nirvana's MonitorIQ is the industry's most reliable, secure, and easy-to-use broadcast monitoring and compliance logging platform. It allows the broadcasters to record, store, monitor, analyze, and repurpose content quickly and efficiently with minimum clicks. Monitor IQ enables schedule, store, perform a smart search, archive, cut clips, and repurpose recordings in full resolution either in HD or SD.

MonitorIQ is equipped with real-time commercials (ads) detection feature which can detect all the telecasted commercials in all channels 24/7. The detected commercials' information is supplied to the AdReports page to display in a tabular format. Once the ads are listed in this report, they can be viewed channel-wise.

When talking about reports, the Quality of Experience (QoE) report, displaying uptimes of different services like audio, video, and captions per channel; and Loudness report, displaying AsRun log-based loudness data of selected channel(s) in a chosen duration, is worth mentioning as the primary benefactors for the broadcasters.

For Loudness data, Ratings, and SCTE in the Viewer page, metadata is displayed for a selected period duration as either live, 2hrs, 4hrs, 6hrs, 12hrs, or 24hrs. Based on the chosen duration, the Viewer page displays the metadata of the playing recording. Clicking anywhere on the metadata will play the recording from that position.

Features

Single-click Access to Content and Metadata:
- MonitorIQ 7.0 makes metadata for each asset available on a single page, time-stamped, and indexed to the video.
- Metadata includes closed caption/teletext/subtitles; loudness measurements with instant clip measurements.

Rapid Clip and Share Capabilities:
- A thumbnail storyboard user interface (UI) allows for quick identification of content and for the rapid creation of frame-accurate clips.
- Users can expand thumbnails, grabbed from video every 10 seconds.
- They can review by the second or by the frame, mark in and out points directly on the storyboard, and export.

Quick Compare and Competitive Analysis of Channels:
- Compare the same or multiple channels on MonitorIQ 7.0 UI.
- Compare rating data, SCTE 35/104 messages, closed captions and subtitles, and loudness.
- Generate reports on competitive advertising, as-run-based loudness, quality of experience, and logo discovery.

Industry-first Integration of AI & ML Services:
- Identify ads on competitive channels.
- Detect logos in high-value content.
- Closed caption or transcript generation of clips from live or historical content or advertisements.
- Face recognition from news sources or entertainment content,
- Closed caption conformance to internal and external guidelines, full workflows for an automated transcript, closed caption generation, and translation.

Hybrid Cloud Architecture:
- It allows broadcasters to archive content locally or in the cloud, with the flexibility to expand storage and automate content archiving processes.

Compliance with Government and Quality Standards:
- Perform loudness tasks such as loudness monitoring and compliance verification.
- Users can generate clips directly by selecting a region in the loudness graph.
- Log, retrieve, export, and search subtitle information such as Closed Caption, Teletext, or DVB Subtitles.

24/7 Support:
- Digital Nirvana's global support team is the largest and most experienced in-house support team.
- We ensure that our customers receive the highest level of application-level availability, security, comprehensive visibility, and quick response to any queries or support they might need.
- Our industry-leading proactive solution monitoring application provides our support team with information regarding potential hardware or current service issues.

Fig: User-defined Timespan in Viewer Page

Multiviewer v2.0 in MonitorIQ is for monitoring multiple channels in one place. Clients can use this application to monitor all their channels manually. Apart from monitoring the channels, this also displays errors that occurred in each channel on their respective screens.

MonitorIQ is focussed on delivering enhanced end-user experience and ensure effective monitoring solutions with the latest technologies. MonitorIQ has addressed the needs of modern broadcast media companies by harnessing best-of-breed video, audio, and AI technologies to drive new levels of speed, creativity, quality, and insight.

MonitorIQ's comprehensive services portfolio offers a combination of technical and human expertise. It addresses the needs of modern broadcast media companies.

To know more about MonitorIQ visit our website **https://digital-nirvana.com**

About Digital Nirvana

Digital Nirvana delivers knowledge management technologies that empower organizations worldwide to create content, automate the generation of captions, subtitles, and metadata, as well as monitor the delivery of broadcast media. Built on two decades of industry experience and equipped with next-generation capabilities, the company's Trance and MonitorIQ, products harness best-of-breed video, audio, and AI technologies to drive new levels of speed, creativity, quality, and insight. Addressing the needs of modern broadcast media companies, these agile products scale to deliver high-impact services for organizations of all sizes, across all regions.

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