

# Intelligent Voice Discovery for Audio & Video in RelativityOne & Relativity Server

Used by regulatory agencies, forensic eDiscovery specialists, law firms and in-house compliance monitoring and eDiscovery teams, Intelligent Voice is the only audio / video discovery solution to support the entire process from ingestion and transcription, Relativity Search, Conceptual Analytics and Active Learning, through to redactions of both media and text, without either the data or the reviewer ever leaving Relativity.

The screenshot displays the Intelligent Voice interface. On the left, a 'Topics' sidebar lists various categories such as 'Market Manipulation', 'Financial Year', 'Legal Opinion', 'Conversations', 'Constructive', 'Transactions', 'Transparency', 'Central Bank', 'Market Abuse', 'Big Biscuits', 'Transaction (3)', 'Government', 'Background (2)', 'Governance (2)', 'Time Lapse', 'Last Night', 'Regulator (2)', 'Chairman', 'Material', 'Deposits', 'Sentence', 'Reaction', 'Document', and 'Meetings'. Below this is a 'Search Terms' section with 'regulator (2)'. The central panel shows an audio waveform with a play button and a search icon. The right panel, titled 'SmartScript', contains a search bar and three transcript snippets. The first snippet is highlighted in blue and contains the text: 'thousand Ah we had the issues in March we had um. In P coming to us and saying can you help us on a War period and we think can we have we can you happen the Central Bank and the regulator effectively egging us on for our banks to help each other.' The second snippet is highlighted in light blue and contains: 'And but obviously culminated in in a material transaction at the end of the financial year yeah okay now you should be aware of just no no go in sentence you should be aware that the regulator results for our legal opinion as to whether there is.' The third snippet is highlighted in blue and contains: 'Market manipulation abuse or market abuse yeah firms of this transaction okay so just so You're were in the background as well okay so I of course what I'm saying'.

The Intelligent Voice Tags, which include sections both for any search terms and also a set of automatically surfaced terms of potential interest, serve a number of purposes:

1. An Executive Summary of the recording for assessing responsiveness
2. Provide Jump To navigation for assessing key portions of the record. Who first introduced a particular topic into the conversation? Where did discussions on it wind up? Who had the final word?
3. Allow users to identify themes & concepts in the audio review, providing insight without having to review entire recordings
4. Surface Blind Spots & Unknown Unknowns, whether that be things described more explicitly over the phone than in writing, or matters not raised at all in written communications, providing a more robust and defensible set of keywords specifically for voice
5. Reduce variation in summarization & interpretation between different users for the same recording
6. May enable some initially responsive items to be ruled out without audio review

**“Intelligent Voice are using NVIDIA GPUs to power pioneering speech recognition and enable cutting-edge customer use cases. Large scale, parallel processing of audio data unlocks an information silo that was previously hidden.”**

**John Harding | NVIDIA | Regional Director**

The Intelligent Voice Player supports American, Asian and European languages, including multiple dialects and accents, as well as the ability to detect and transcribe language and accent changes mid-conversation.

Intelligent Voice's ultra-high-speed GPU powered speech recognition algorithms provide results in a fraction of the time of our competitors, with both privacy and no loss of accuracy.

Words are suggested for what might otherwise be unintelligible portions of speech, not just from the karaoke play-along through the displayed transcribed index, but also the optional sub & sur-titling of additional suggestions.

Indexing of identified alternative words overcomes the over-retrieval of traditional phonetic-based approaches, whilst also avoiding the under-retrieval of "OCR for Voice" transcriptions that record one word and one word only regardless of what may have been said.

Transcription is indexed for Keyword and dtSearch, enabling successful Relativity Conceptual Analytics and Active Learning, getting you to critical evidence quicker and giving you more time to build your case, with a range of published case studies and CEO endorsements of Intelligent Voice's end-to-end audio and video discovery capabilities in Relativity.

Simple, predictable cost models, with pay as you go pricing options, and no need for native file applications. To the cent pre-processing billing assessments and post-processing confirmations provide complete visibility and intra-day reporting.

Process, search, discover, review, categorize and redact, quickly and easily, without you or the data ever leaving Relativity. Start with a Relativity Search Set, conclude with one or more Relativity Production Sets.

**“Intelligent Voice's expertise and knowledge of audio review has provided our users with the ability to review audio more quickly and effectively than ever.”**

**Drew Deitch | Relativity | Commercial Lead Relativity Patents**