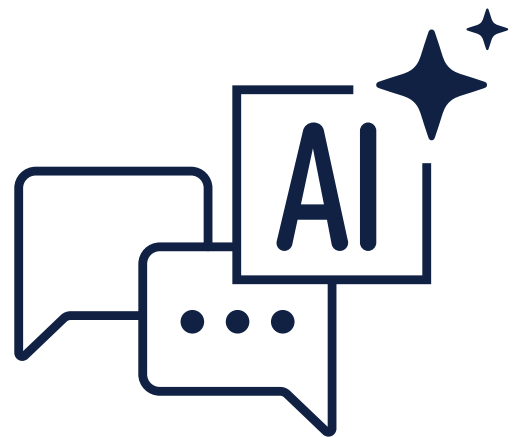


Vantage AI Speech

From Transcription to
Searchable Media Intelligence

Making Spoken Content Searchable and Actionable

Across broadcast, sports, and corporate media, there's more spoken content to caption, search, and summarize than teams can keep up with. Most organizations are stuck between manual processes that don't scale and cloud services that introduce unpredictable costs while requiring sensitive content to be sent outside the organization.



Vantage AI Speech is a new action you can add to any Vantage workflow. It transcribes spoken content, creates timeline markers showing when specific dialogue occurs, generates summaries of the content, and flags profanity — all within a single workflow step. Because it runs on the servers you already have, no audio is sent outside your network, and there are no per-minute charges. It's built to handle the same volume as the rest of your Vantage system already handles.

The Challenge: Manual Speech Processing Doesn't Scale

Spoken content is one of the biggest sources of untapped information in media operations, and traditional tools barely touch it. Transcription and captioning rules keep getting stricter. Regulators in Europe (EAA) and the US (FCC) now expect transcription and captions on essentially everything you broadcast or stream. Manual transcription teams can't keep up with live feeds, archive backlogs, and events all at once.

Archives go dark when no one can search for what was said. Old clips can't be found again for re-edits, training, or repurposing, and editors lose hours hunting for the right moment. The same challenge exists in live production environments, where editors often need to locate specific quotes or moments while content is still being recorded.

Cloud-based AI services introduce new challenges. Many broadcasters and sports rights holders aren't allowed to send pre-released shows, sensitive interviews, or unreleased corporate material to an outside service. And when you're processing huge archives, per-minute fees are hard to predict and even harder to justify when the high costs come in.

General-purpose speech-to-text tools weren't built for professional media — they don't handle live recordings as they're being captured, and they don't plug into the rest of your workflow. Editorial teams need transcripts and timeline markers inside the tools they already use, not in reports they generate after content is captured.

The Solution: Speech Intelligence Built Into Your Workflow

AI Speech runs directly inside Vantage as a workflow action. There's nothing external to connect to and no audio gets sent to the cloud.

It works on any audio source, including live recordings as they're still being captured. For each piece of content it produces timeline markers showing when specific dialogue occurs, a written summary, and profanity flags. You can pick the language and choose a faster or more accurate model per job. Results flow straight into the next step of your Vantage workflow, or export to common formats (JSON, CSV, XML, plain text). For Avid editors, the markers show up directly in Interplay.

Everything runs on your own servers, even on networks with no internet access. If a system is online, the AI models download automatically; if it isn't, an admin can copy them in from a shared location. Either way, your audio and your content stay inside your network. AI Speech is licensed as part of Vantage AI and runs on the same Vantage servers you already use for transcoding, packaging, and delivery, so you manage it the same way, with the same support, from the same trusted vendor.

Searchable, Actionable Speech Intelligence

AI Speech helps teams reduce the time and effort required to transcribe, search, caption, and understand spoken content. By automatically generating transcripts, timeline markers, summaries, and profanity flags, organizations can work faster, improve content discoverability, and gain deeper insight into their media while maintaining control of sensitive information.

The benefits of AI Speech are:



Faster Turnaround

AI Speech can process live recordings while they're still being captured, captions, summaries, and profanity flags are ready as content comes in, not hours later. Live and event workflows are now able to keep pace with their growing feeds.



Compliance at Scale

You set up one workflow and it accelerates EAA, FCC, and platform caption obligations across everything you push out — generating caption-ready output the moment content is captured. Archive backlogs become manageable, and your team reviews and signs off instead of starting from scratch.



Keep Sensitive Content Under Your Control

Sensitive audio never leaves your network, and AI Speech works even on systems with no internet connection. Legal and security teams sign off more easily.



Costs are Predictable

AI Speech is a one-time investment in hardware and licensing, not a per-minute charge. You can process huge archives and run 24/7 live capture on the same setup, without surprise bills at the end of the month.



Outputs Editors Can Use

Timeline markers show up in Avid Interplay, structured files (JSON) feed automated tools, and plain-text transcripts make audio searchable. AI Speech produces every format your post-production and search systems already understand for faster captions and archiving workflows.



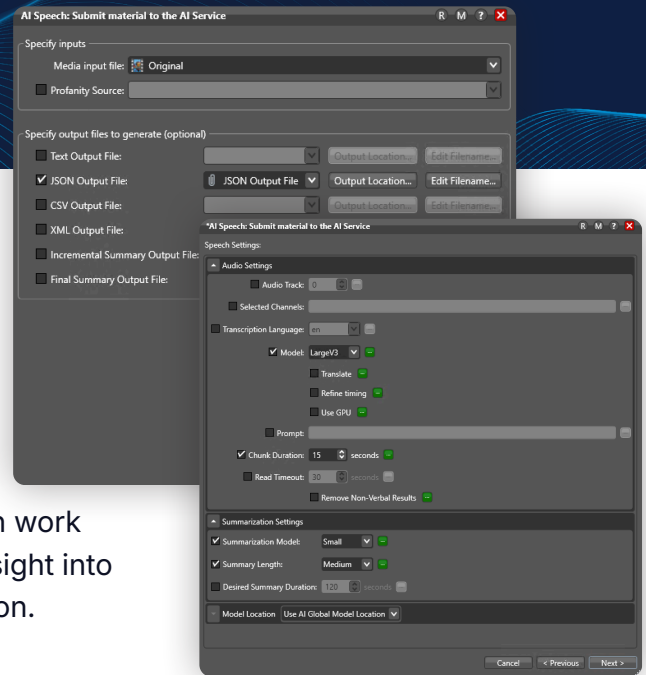
Makes Content Easier to Find & Reuse

Transform spoken dialogue into searchable metadata that helps teams quickly locate quotes, topics, and moments across archives, live recordings, and growing content libraries.



Built into Vantage

AI Speech uses the same workflow designer, operator screens, and support tier as everything else in Vantage. It works alongside your existing transcoding, packaging, captioning, and delivery steps to make end-to-end workflows, with no separate platform to add.



Why Vantage AI?

AI capabilities are only valuable when they fit the realities of media operations. Many AI tools rely on disconnected cloud APIs, usage-based pricing, and workflows that require content to be exported, uploaded, processed externally, and returned — adding cost, delay, and operational complexity.

Vantage AI takes a different approach. Built natively into the Vantage workflow engine, Vantage AI brings practical, production-ready AI directly into media operations – securely, efficiently, and at scale.



Secure, On-Prem AI Processing

Content remains within your controlled media environment, enabling secure AI workflows for organizations that cannot send sensitive media to external cloud services.

Predictable, Session-Based Economics

Vantage AI is licensed by concurrent processing session — not per minute — so the cost to you is the same whether you process two minutes or two thousand hours.

Workflow-Native AI Automation

AI becomes a native part of automated media workflows rather than a disconnected manual process, enabling actions to trigger seamlessly as part of ingest, processing, compliance, and delivery pipelines.

Faster AI Execution

Eliminate the delays of exporting proxies, uploading files to third-party AI services, and waiting for responses. AI processing happens directly within operational workflows.

One AI Platform, Multiple Capabilities

AI Speech, AI Vision, AI Autoframe, and future AI actions operate within a unified Vantage AI framework (trusted by major news networks), simplifying deployment and scaling AI adoption across media operations.

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Learn more about AI Speech:
telestream.com/practical-ai



Ready to automate audio capturing?
Contact us at telestream.com/contact-us