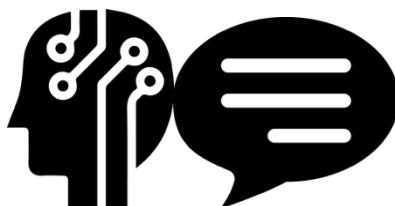


Vantage AI Release Notes



About This Release

This is a ComponentPac release for Vantage AI, the release includes the following component versions:

- Vantage A.I. Core: AI.2025.2.38.nupkg
- Vantage A.I. Service Update: Vantage_8_2_UP3_AI_Service_8.2.347.0.exe

These release notes apply specifically to Vantage AI, which enables advanced functionality such as real-time transcription (speech-to-text), segment-level and program-level summarization, offensive language detection, and integration with editing platforms like Avid Media Composer.

Refer to separate release notes for the Vantage 8.2 UP3 Platform and other ComponentPac modules.

Note: This release is compatible with Vantage 8.2 Update Pack 3 (UP3) (Vantage_8_2_UP3_Setup_8.2.296.0.exe) and Vantage 8.2 UP3 Avid Notify Patch (Vantage_8_2_UP3_Avid_Notify_Patch_Setup(8.2.327.47).exe).

Notes: This ComponentPac requires a license. The license part number is "V-AI-SPEECH-SW"

Note: Testing and validation for this release were performed using NVIDIA Driver version 553.09. Driver 553.09 is supported only on Windows Server 2019 and Windows Server 2022.

Tested NVIDIA cards are:

- NVIDIA RTX 4000 Ada
- NVIDIA RTX A4000
- NVIDIA Quadro RTX 4000

Installation

Download and install Vantage 8.2 with Update Pack 3

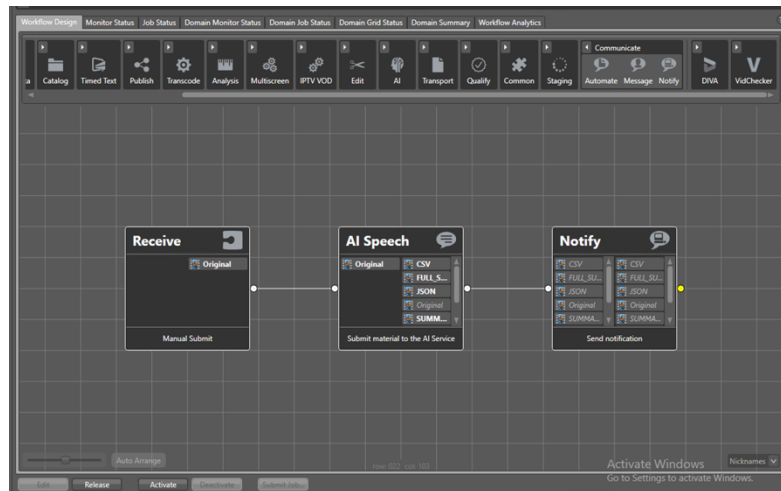
Download and install AI ComponentPac:AI.2025.2.38.nupkg

Download and install Vantage Avid Notify patch: Vantage_8_2_UP3_Avid_Notify_Patch_Setup
(8.2.327.47).exe

Download and install Vantage AI service: Vantage_8_2_UP3_AI_Service_8.2.347.0.exe

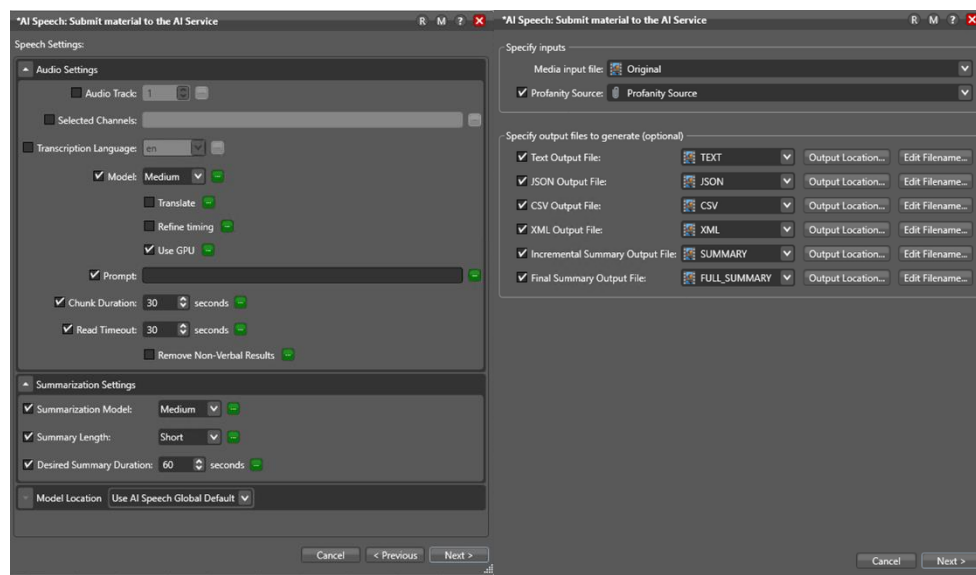
New Features in this Release

- Vantage AI Service



- Speech-to-text transcription

The AI Speech action in Vantage AI automatically converts spoken audio within media files into time-aligned, searchable text. Leveraging advanced AI-driven transcription models, this action supports a wide range of media formats and languages. It enables users to generate accurate transcripts for localization, compliance, editorial, or metadata enrichment workflows.



- Segment and program-level summarization

The Segment and Program-Level Summarization feature in Vantage AI automatically generates concise, AI-driven summaries of spoken content within media files. Summaries are produced at regular intervals (e.g., every 30 seconds) to capture the key topics and context of each segment, followed by a comprehensive summary of the entire program once processing is complete.

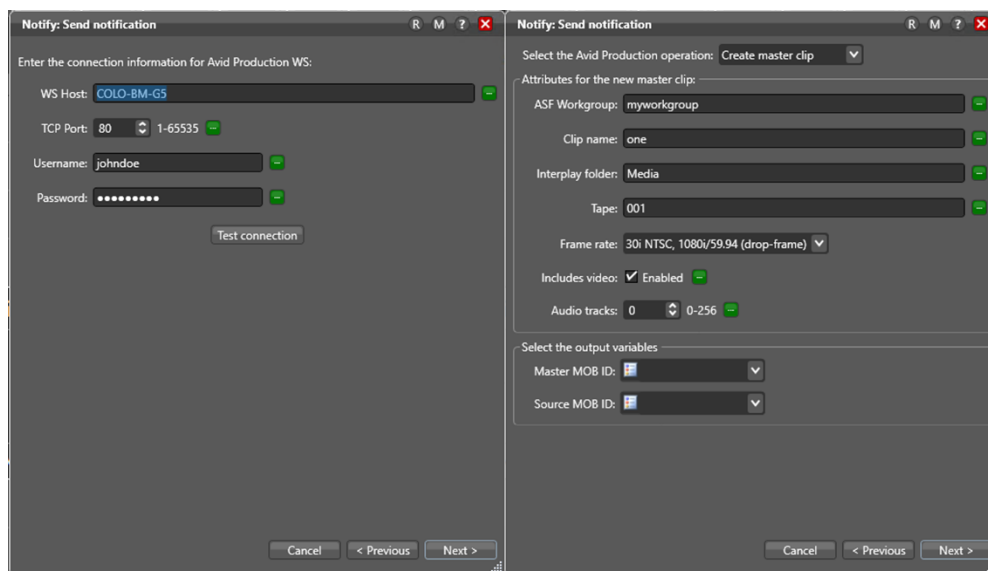
- Profanity detection

The Profanity Detection feature in Vantage AI automatically scans spoken audio to identify and flag offensive or inappropriate language. Using advanced AI models trained on diverse speech patterns and content, it detects profanity with high accuracy across various dialects and audio conditions.

- Metadata publishing to Avid Interplay (via locators)

Note: Requires Avid Notification Patch installation

The Metadata Publishing to Avid Interplay feature in Vantage AI enables automatic delivery of AI-generated speech-to-text transcriptions —directly into Avid editorial environments using locators. These locators are time-stamped markers attached to media assets in Avid Interplay, making AI insights immediately accessible to editors.



Fixed in This Release

VN-514 Speech-to-Text Output Incorrectly Translates Instead of Preserving Original Language

VN-517 When profanity detection is enabled and the Base Name token is used, output files are named after the profanity source instead of the media source

ZOID-100 Replace LlamaSharp with llama-server for multi-modal (image) support

ZOID-110 Make summary outputs default to same language as transcript

Known Issues in This Release

VN-159 AI Speech action generates Throughput variable with a value of 0

ZOID-103 AI Speech error messages are doubled

ZOID-114 Cantonese audio to Cantonese text test produces summary output in English

ZOID-112 AI Speech action fails on CPU-only machine when "Use GPU" is enabled

Performance

Platform	Max Concurrent Sessions	GPU Configuration
VLS-300	4 sessions	2× NVIDIA RTX 4000 Ada Generation
VLS-200	4 sessions	2× NVIDIA RTX 4000 Ada Generation
VLS-100	2 sessions	1× NVIDIA RTX 4000 Ada Generation
G10	2 sessions	2× NVIDIA RTX A4000
G8 *	2 sessions	2× NVIDIA Quadro RTX 4000
G7 *	1 session	1× NVIDIA Quadro RTX 4000

Notes:

- **VLS-300 and VLS-200** are recommended for full-performance, high-throughput environments.
- *G10, G8, and G7*** are suitable for limited use cases, evaluation, or light concurrency.
- **Minimum NVIDIA GPU specifications must be met** for reliable AI Speech Action performance.

** G8 and G7 must use smaller / lower-quality AI models to achieve stated specs.*