VERITONE Automate Studio

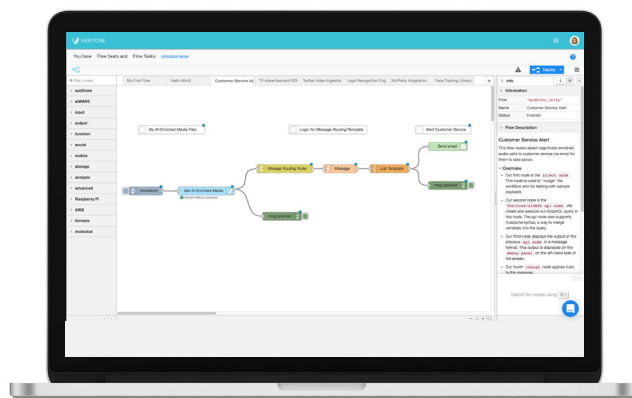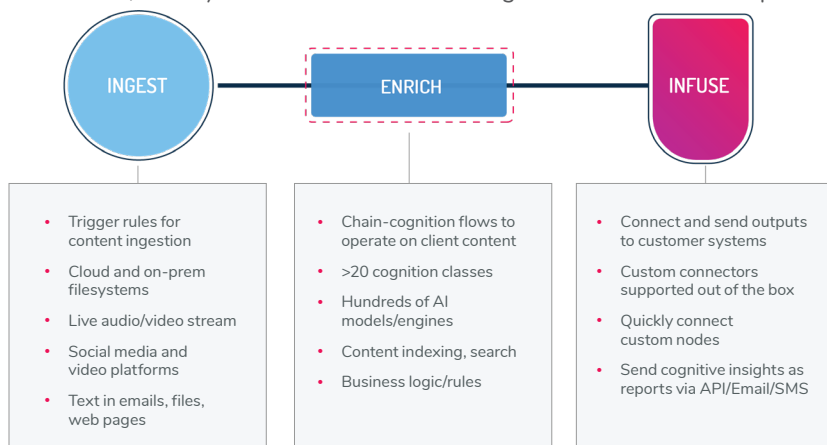## LOW-CODE AI-POWERED DATA INSIGHT

Organizations embarking on intelligent process automation initiatives use Automate Studio to rapidly build and deploy AI-powered workflows and integrate resulting insights into business applications and processes. Transform audio, video, text and data content into actionable intelligence, at scale, with no AI expertise.

INGEST. ENRICH. INFUSE.

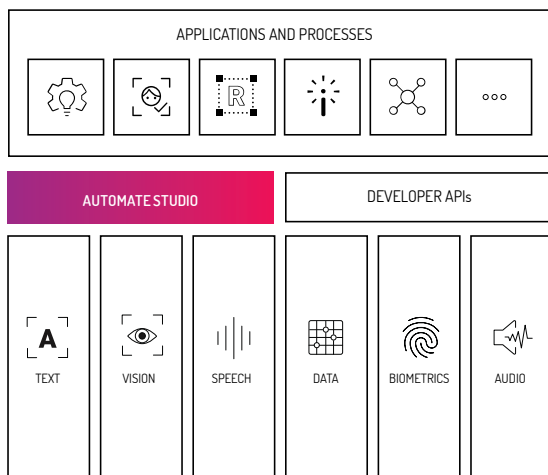## AI WORKFLOWS TO FREE YOUR DATA

Manually locating information trapped in text, images, video, audio or data is costly, and can cause delays, impact customer/citizen experience, and risk compliance. AI is the answer, but can require expensive AI data scientists and ML engineers for AI model building and testing. Even with APIs into existing AI engines, programmers must spend time programming to each engine's unique APIs to get the insight they need from their data sources, slowing time to production. Worse, integrations with legacy systems can be costly and complex, and deploying AI frequently misses the mark at production scale.

Organizations need an easy way to deploy and integrate AI models to do the time-consuming work of reviewing content for key pieces of information, so they can focus on how to leverage that information to improve business outcomes. Organizations need Automate Studio.

INGEST
- Trigger rules for content ingestion
- Cloud and on-prem filesystems
- Live audio/video stream
- Social media and video platforms
- Text in emails, files, web pages

ENRICH
- Chain-cognition flows to operate on client content
- >20 cognition classes
- Hundreds of AI models/engines
- Content indexing, search
- Business logic/rules

INFUSE
- Connect and send outputs to customer systems
- Custom connectors supported out of the box
- Quickly connect custom nodes
- Send cognitive insights as reports via API/Email/SMS

With Veritone Automate Studio, developers can easily create and deploy aiWARE-based workflows to ingest, index, extract, and export content, transforming that content into actionable intelligence and making that intelligence available to applications and business processes such as BPA, RPA, and line of business systems. With Automate Studio, accelerate your content-rich processes, reduce operational costs, and improve visibility and decision making.

THE aiWARE AI OPERATING SYSTEM

APPLICATIONS AND PROCESSES

AUTOMATE STUDIO | **DEVELOPER APIs**

TEXT | VISION | SPEECH | DATA | BIOMETRICS | AUDIO

Automate Studio harnesses the power of aiWARE's ecosystem of best-of-breed, ready-to-deploy AI models to tackle some of the biggest challenges facing AI deployments today. Many AI deployments fail because they:

- Require expert knowledge of full-stack AI and legacy system integrations
- Rely on single-vendor AI technology with limited shelf life; and
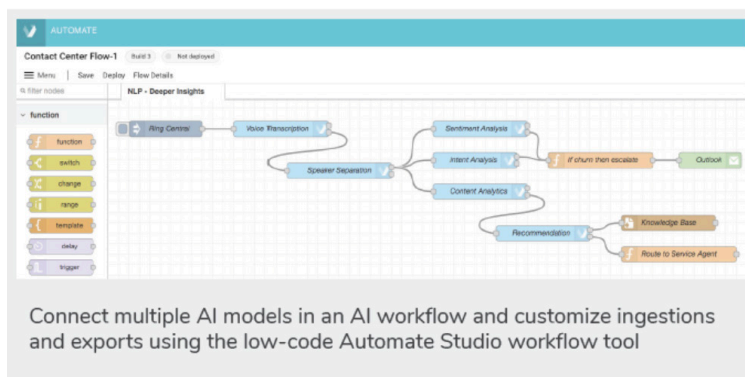- Cannot deploy easily and scale well in production AI deployments

Automate Studio and aiWARE solves these challenges to get you started on the right foot on your AI journey.

JUMP START YOUR AI PROJECTS

The combination of Automate Studio and ready-to-deploy aiWARE AI engines significantly accelerates the deployment and integration of AI into business-critical applications and processes.

Out-of-the-box AI workflows for computer vision, speech recognition, text analytics and natural language processing get you started in minutes without a single line of code.

Jump start more complex AI projects with dozens of starter flow templates that speed time to value. Starter flow template examples include a podcast-to-blog converter, a stock performance estimator, and a suite of contact center flows that provide voice recognition, transcription, translation, insight, and auto-response, just to name a few.

Connect multiple AI models in an AI workflow and customize ingestions and exports using the low-code Automate Studio workflow tool

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WHY AUTOMATE STUDIO?

PRE-INTEGRATED AI
Pre-integrated with the aiWARE ecosystem for seamless access to best-of-breed AI engines delivering insight into audio, video, images, text, and data

FUTURE PROOF
Standardized interface regardless of which underlying aiWARE engine vendors are used

EVENT DRIVEN
Tag events in the data, enabling event triggering and content search within calling applications

PRODUCTION READY
Easily deployable production workflows with scalability to gracefully handle massive amounts of data in near real time

PURPOSE BUILT
Pre-built flows and import and export connectors to jump start your AI project

COMMUNITY SUPPORTED
Built on Node-RED open-source workflow software jump start your AI project

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WHO BENEFITS?

Enterprise Business Leaders
Leverage AI in your digital transformation efforts to lower operational costs, improve customer engagement, gain competitive advantage and ensure compliance.

Developers
Develop, deploy and integrate AI workflows that quickly locate and extract key information from large amounts of audio, video, images, text, and data without requiring help from AI data scientists and engineers. Transform that data into actionable intelligence.
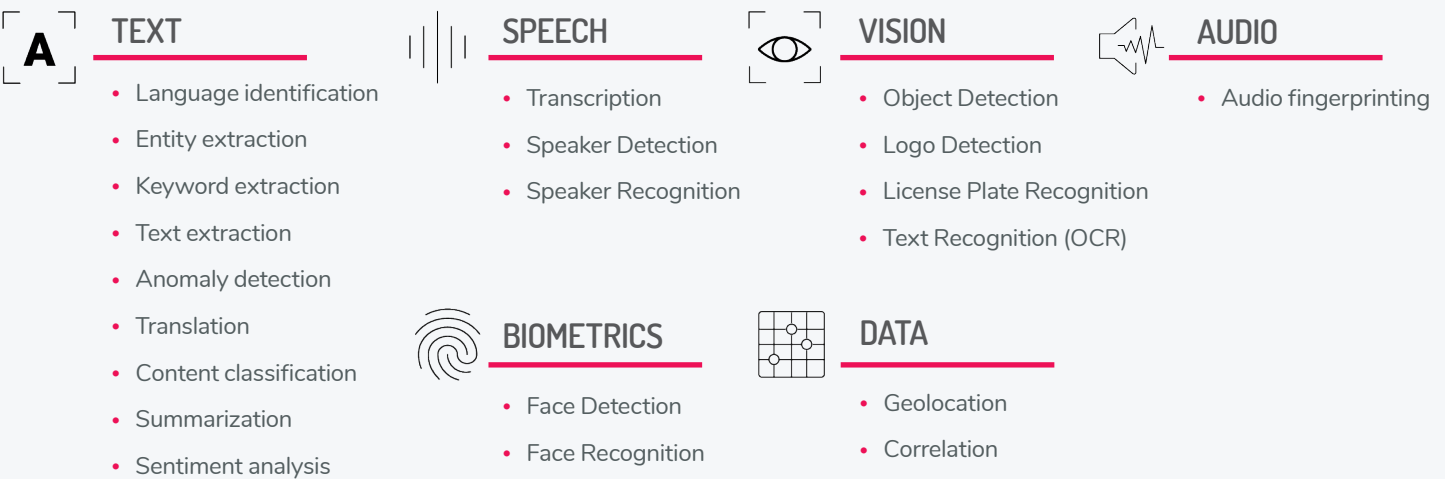
System Integrators
Deliver AI-enriched customer solutions by tapping into a comprehensive AI ecosystem of hundreds of ready-to-deploy machine learning models and easily integrate Automate Studio workflows with BPA, RPA, and line of business systems to deliver intelligent automation to your customers. Continue using the same AI platform as underlying AI technologies inevitably change.
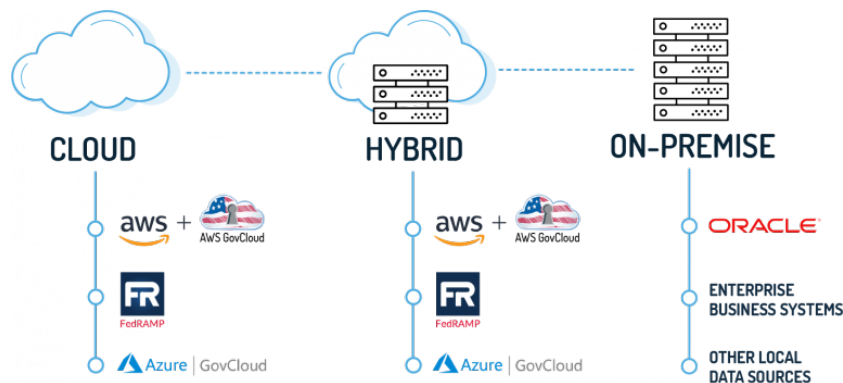
Technology Providers
Add the power of hundreds of AI engines to your product offering using Automate Studio. Get low-code access to the world's first operating system for AI that removes single vendor technology dependencies and ensures maximum shelf life for your AI integration effort.

AI MODELS SUPPORTED

Automate Studio gives low-code access to Veritone aiWARE's ecosystem of hundreds of best-of-breed AI models to automate content processing. Alternatively, use aiWARE's rich set of HTTP RESTful API and GraphQL APIs. AI models include:

TEXT
- Language identification
- Entity extraction
- Keyword extraction
- Text extraction
- Anomaly detection
- Translation
- Content classification
- Summarization
- Sentiment analysis

SPEECH
- Transcription
- Speaker Detection
- Speaker Recognition

VISION
- Object Detection
- Logo Detection
- License Plate Recognition
- Text Recognition (OCR)

AUDIO
- Audio fingerprinting

BIOMETRICS
- Face Detection
- Face Recognition

DATA
- Geolocation
- Correlation

Veritone Automate Studio and aiWARE offer flexible deployment options, whether the Veritone or private cloud, hybrid, or on-premise.

CLOUD
- aws + AWS GovCloud
- FR FedRAMP
- Azure | GovCloud

HYBRID
- aws + AWS GovCloud
- FR FedRAMP
- Azure | GovCloud

ON-PREMISE
- ORACLE
- ENTERPRISE BUSINESS SYSTEMS
- OTHER LOCAL DATA SOURCES

FEATURES AND CAPABILITIES

PRE-INTEGRATED
Pre-integrated with aiWARE, the first OS for AI, providing unlimited access to an ecosystem of the best AI engines for the task.

FUTURE PROOF
Single interface regardless of which underlying aiWARE engine vendors are used - no need to learn multiple vendors' AI.

EVENT DRIVEN
Automate Studio goes beyond simple data indexing, tagging indexed and time-correlated metadata to identify events such as objects, people, keywords, etc, enabling event triggering and content search capabilities.

RAPID DEVELOPMENT
Reuse workflow and application components across internal teams with simple copy / paste and import / export features - never duplicate work again.

REAL-TIME QUALITY ASSURANCE:
Uncover design and technical issues quickly with real-time workflow debugging to elevate quality and ship fast.

LIGHTWEIGHT INTEGRATION
Connect data stores, systems and applications to build bespoke AI-enabled solutions quickly with low-code, event-driven workflows.

BROAD DATA SUPPORT
Transform unstructured data such as video, audio, images, text and more into searchable, structured data in near real-time to drive business processes.

LOW-CODE
Drag and drop executable nodes on a digital canvas to design intelligent processes. Easily edit pre-provided nodes, import Node-RED community developed nodes, or create your own.

QUICK DEPLOYMENT
Collaborate, gather feedback and move projects forward seamlessly with team-based workflow design.

FLEXIBLE DEPLOYMENT MODELS
Meet organizational, security or technical needs with flexible deployment options: public cloud, government cloud, hybrid, on-prem.

SCALABLE
Production workflows with scalability to gracefully handle massive amounts of video, audio and other data types in near real time.

PURPOSE BUILT
Designed for aiWARE with pre-built flows for specific use cases, and import and export connectors for common business systems - no need to start from scratch.

COMMUNITY SUPPORTED
Automate Studio is built on Node-RED and leverages pre-built flows from the Node-RED developer community to help jumpstart your AI project

Try Automate Studio for free at veritone.com, and start creating AI workflows today.

VERITONE®

MAKING AI WORK FOR YOU 4
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