



SYVA Data Nexus Overview

Transformative AI for Comprehensive Enterprise Insights & Automation



Importance And Relevance In Today's AI Landscape

Bespoke Enterprise AIenabled Solution

Emergence Of Open-Source Al Models

Rise Of API-centric
AP Services

Our Vision of the Al Landscape: Forecasts and Trends

Al as a Strategic National Agenda

Advent Of Multimodal Generative AI

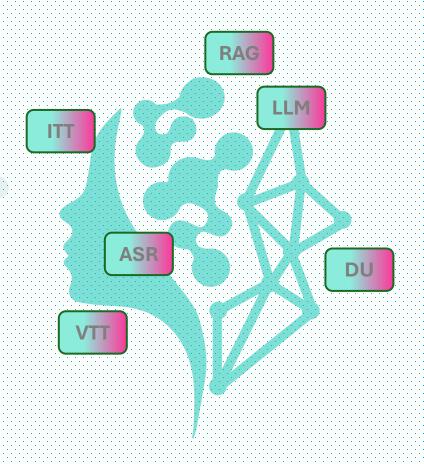
Prioritizing AI
Safety Practices



Introduction To Syva Data Nexus

SYVA Data Nexus is a comprehensive AI orchestration platform that simplifies the integration, deployment, and management of diverse AI services through unified APIs. It addresses the challenges of managing multiple AI capabilities and provides scalability, flexibility, and customization to meet diverse user needs.

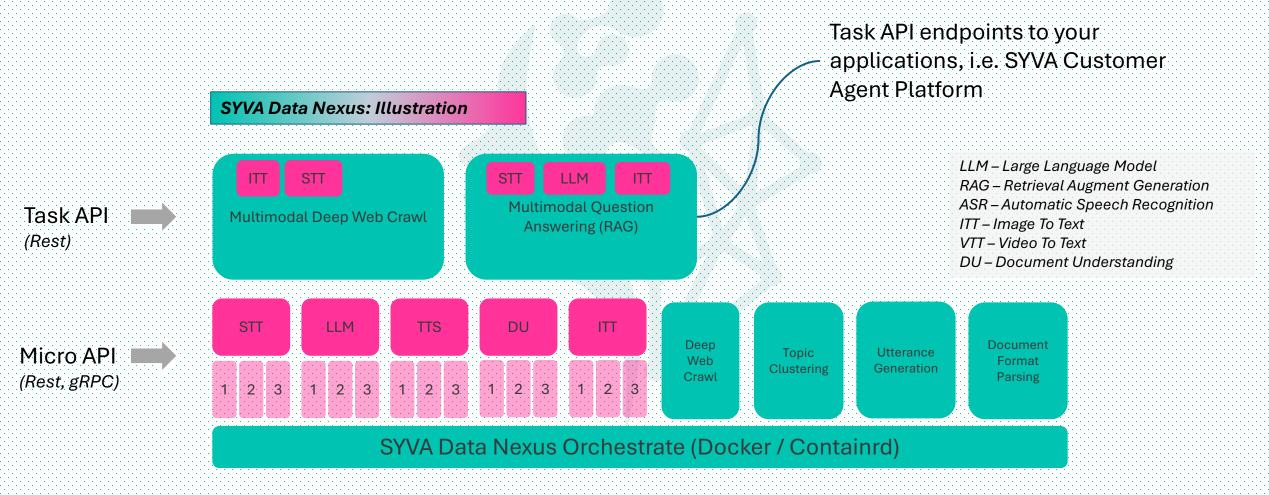
- Unified Platform: Central hub for various Al services.
- Scalable and Flexible: Easily scales horizontally for high availability.
- Open and Customizable: Supports tailored AI models and services.





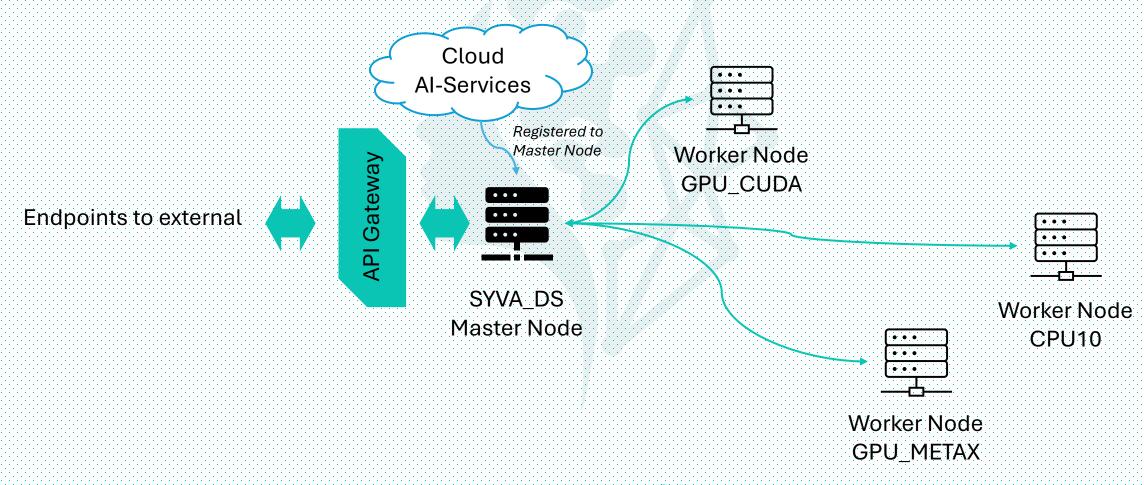


Platform Capabilities - Unified Orchestration with Scalable, Load-Balanced Al Services

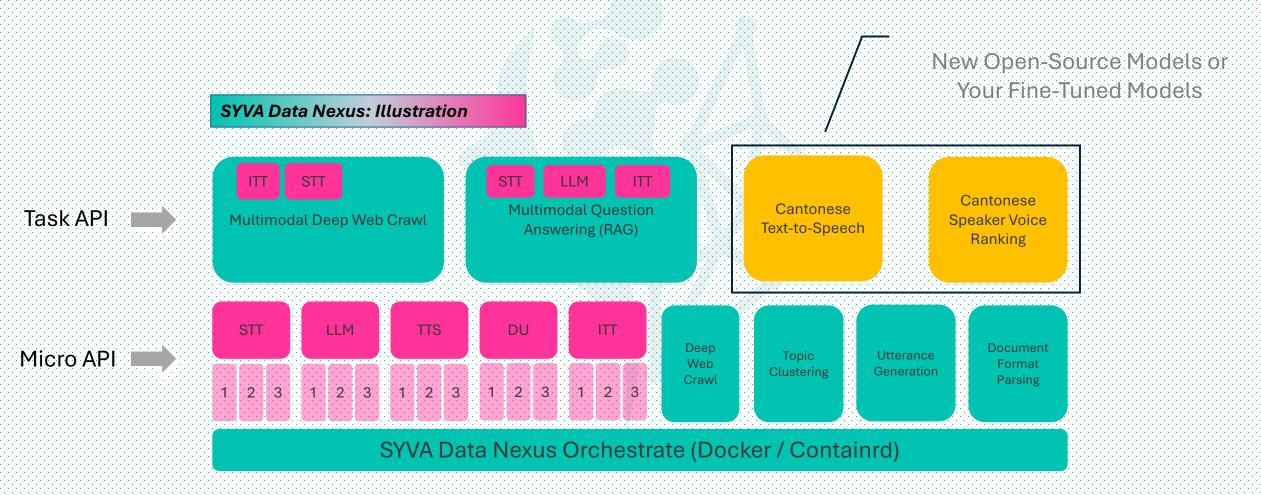




Deployment Flexibility – Hybrid Approach & Seamless GPU Platform Compatibility

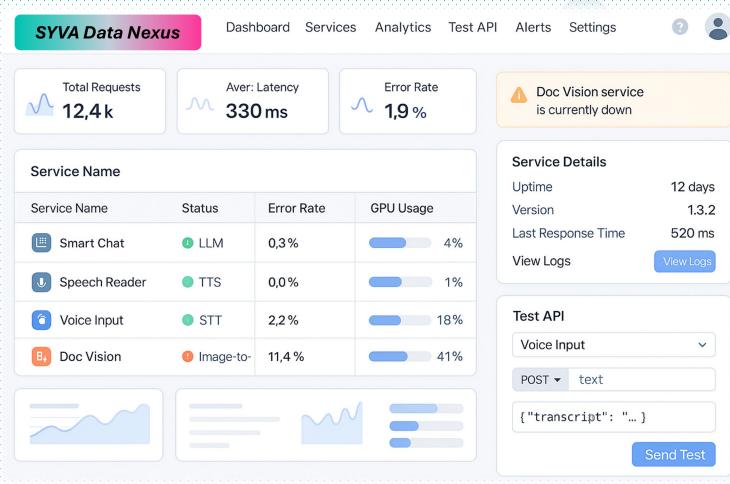


Customization and Extensibility – Put Your Own Models Into Services





Management and Monitoring Portal

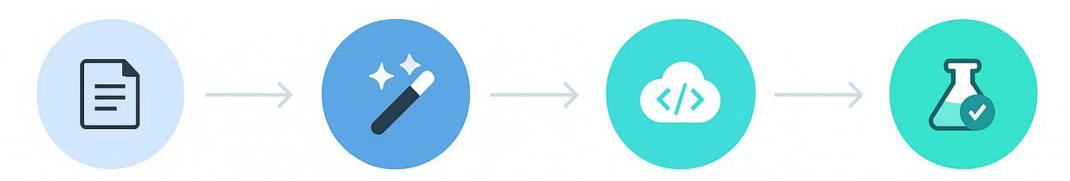


- Real-Time Health: Instantly see API status and service health.
- Usage Analytics: Visualize traffic, request rates, errors, and performance at-a-glance.
- Proactive Monitoring: Automated alerts for service degradation or failures.
- Instant Test-Run: Built-in tools to send test requests and review real responses—no code required.

This is mockup screen



Upcoming Feature - Automated API Generation for AI Models



Model Metadata & Example Input

Upload model details. inference samples, etc.

SYVA Automation Engine

Reads metadata and auto-generates
API code/stubs

API Endpoint Generation

Instantly creates production-ready REST/gRPC endpoints

Test & Deploy

Dashboard lets you test the API and deploy live with a click



Upcoming Feature - Model Training Assistant

SVVA Data Nexus









Data Prepara tion

Upload, clean, and label your dataset.

Training Configuration

Select model, set parameters, and generate training scripts.

Progress & Results Explanation

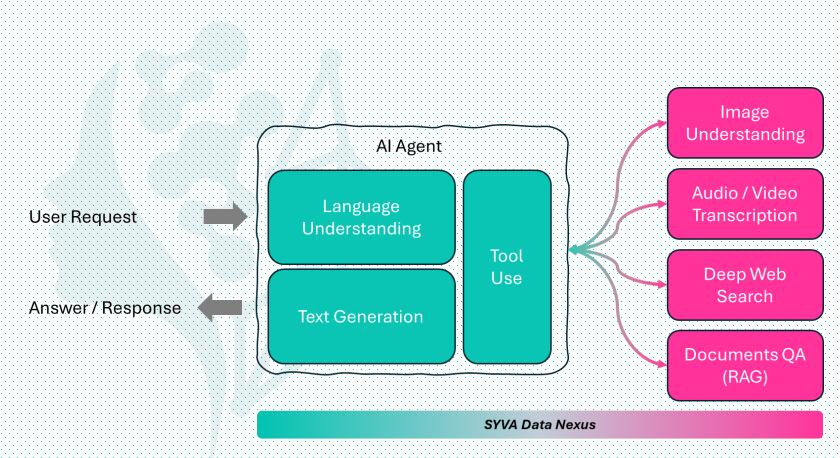
Monitor training, view metrics, and get plain-language results summary.

- Guided, no-code workflow for model training
- Automated data checks, cleaning, and formatting
- Easy configuration of training scripts and parameters
- Real-time progress monitoring and visual analytics
- Plain-language explanations of training results
- Lower the barrier for custom AI development



SYVA Data Nexus: From Chatbot to Al Agent

- SYVA Data Nexus connects all Al services for your agent
- Tool-use agent Chooses and combines the right AI tools for each task.
- Supports LLM, STT, TTS, and other user custom models.
- Automates complex workflows
 -not just chat
- Easy to add or update new tools with SYVA





Why SYVA Data Nexus Is The Future Of Enterprise Al

Transformative Solution

SYVA Data Nexus goes beyond RAG chatbots, offering a comprehensive, enterprise-grade AI platform with multi-modal capabilities and actionable insights.

Scalable and Flexible

Designed for on-premise and cloud deployment, it integrates seamlessly with existing systems and adapts to diverse industries and use cases.

SUCCESS

Custom AI for Every Enterprise

Enables businesses to train and fine-tune AI models using their proprietary data, ensuring domain-specific relevance and superior results.

High ROI Potential

Delivers measurable outcomes such as increased efficiency, reduced operational costs, and data-driven decision-making that directly impact profitability.

