

GEN AI SOLUTIONS WITH NVIDIA ON ORACLE CLOUD INFRASTRUCTURE

Gen AI is reshaping how work gets done. SoftServe, a trusted NVIDIA Service Delivery Partner and Oracle Partner Network member, leverages a strong partner ecosystem. Together, we build AI solutions that help businesses thrive across any field.

GEN AI INDUSTRIAL ASSISTANT

Empower your team with real-time advice and guidance. Accelerated by NVIDIA AI Blueprints, the SoftServe Gen AI Industrial Assistant streamlines equipment manual navigation, speeds up troubleshooting, and simplifies maintenance tasks.

This solution ensures confident technical knowledge transfer during onboarding, backups, and change management. Additionally, workers gain advanced performance analysis and reporting capabilities through the “Talk to Data” feature, powered by LLMs like Llama and Mistral on the NVIDIA NeMo™ platform.

Use cases

- Troubleshooting and maintenance
- Equipment handling and safety
- Performance monitoring
- Training coordination

Focus industries

- Manufacturing
- Automotive
- Energy

NVIDIA AI-enterprise tech stack:

- NVIDIA NIMs
- NVIDIA Riva
- NeMo Guardrails

Benefits



Better performance

10% improvement in overall equipment effectiveness



Faster data access

83% decrease in average search time for information



Higher product quality

56% fewer equipment defects via root cause analysis



Quicker training

50% reduction in onboarding time



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AI MULTI-CAMERA MULTI-TRACKING

Empower your teams with an AI-driven environment to track, analyze, and optimize surveillance systems in real time. Powered by NVIDIA Metropolis and DeepStream SDK, SoftServe's Multi-Tracking Multi-Camera AI solution uses advanced computer vision and deep learning to track objects and individuals across multiple camera feeds.

With edge AI processing and deep learning models, stakeholders can monitor large areas, detect suspicious activity, optimize retail foot traffic, and improve transportation and security operations.

The result: greater efficiency, smarter security, lower monitoring costs, and faster decisions with AI-powered insights.

Use cases

Real-time object tracking

Crowd analysis

Smart surveillance

Automated monitoring

Focus industries

Retail

Smart cities

Security

NVIDIA AI-enterprise tech stack:

NVIDIA Metropolis

NVIDIA DeepStream

NVIDIA TAO

NVIDIA Omniverse

Benefits



Improved situational awareness

40% increase in real-time event detection and response time



Reduced operational costs

20% decrease in monitoring and surveillance costs through AI automation



Anomaly detection

50% reduction in time to identify security threats and operational inefficiencies



Higher tracking accuracy

Up to 95% accuracy in multi-camera object tracking and person re-identification

EXPANDING THE GEN AI TOOLBOX



Speech Recognition Platform

Combine the power of Gen AI with the best of human voice recognition. Accelerated by NVIDIA AI Blueprints, SoftServe Speech Recognition Platform converts speech to text with high precision. Unlike other systems, it grasps the nuances of children's voices, making it easier for teachers and other professionals to help kids improve their speech and treatment outcomes.



Digital Concierge

Enhance your customer service with Generative AI. SoftServe Digital Concierge, accelerated by NVIDIA AI Blueprints and NVIDIA Avatar Cloud Engine (ACE), makes it all simple. Acting as a company representative, it offers in-depth knowledge, supports navigation, and answers inquiries 24/7. The solution reduces wait times for your customers and lets your team focus on complex, high-value tasks instead of handling routine queries.

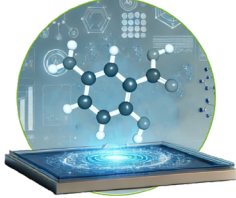


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Multimodal RAG System

Transform the way you handle document analysis and data processing with Gen AI. Accelerated by NVIDIA AI Blueprints, SoftServe Multimodal Retrieval-Augmented Generation (RAG) System accumulates data from multiple sources — text, images, and tables — to provide accurate and comprehensive responses. Interact with your data through an intuitive chatbot and gain valuable insights.



Gen AI Drug Discovery Solution

Speed up your drug discovery with SoftServe's solution, accelerated by Gen AI and NVIDIA BioNeMo Blueprints for small molecule generation and protein prediction. We streamline drug development by integrating advanced AI tools like MolMIM, DiffDock, and our proprietary molecular generator. This allows you to quickly identify and refine promising drug candidates.



Content Creator Solution

Focus on high-value tasks with automated content creation. Accelerated by NVIDIA AI Blueprints, SoftServe Content Creator solution generates top-notch creative assets quickly and securely. Unlike standard out-of-the-box tools, it combines a custom workflow with advanced retrieval techniques to tailor visuals for different platforms and demographics while maintaining brand consistency.



Gen AI Retail Shopping Assistant

Give your customers real-time guidance for a smoother shopping experience. Accelerated by NVIDIA AI Blueprints, SoftServe Gen AI Retail Shopping Assistant makes it easy to browse product catalogs, quickly search for items, and access relevant product details. Plus, the AI-driven solution includes a virtual try-on feature that can be activated right in the online chat.

We integrate NVIDIA GPUs, NeMo Service, and Oracle Cloud's security, flexibility, scalability, and best practices with SoftServe's decades of expertise to drive client success.

LET'S TALK



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ABOUT US

SoftServe is a premier IT consulting and digital services provider. SoftServe is a premier IT consulting and digital services provider. We expand the horizon of new technologies to solve today's complex business challenges and achieve meaningful outcomes for our clients. Visit SoftServe's [website](#), [blog](#), [LinkedIn](#), [Facebook](#), and [X \(Twitter\)](#) pages for more.

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