ACCELERATE INDUSTRIAL OPERATIONS WITH GEN AI ASSISTANTS

SOFTSERVE GEN AI INDUSTRIAL ASSISTANT
CREATED BY SOFTSERVE. ACCELERATED BY GOOGLE CLOUD

Outdated workflows drain productivity and make decision-making frustratingly slow. Complex operations, endless troubleshooting, and fragmented data keep teams stuck in repetitive tasks instead of driving innovation.

SoftServe Gen AI Industrial Assistant changes this by integrating LLM and non-LLM workflows into a Meta-Agent Solution. It streamlines document analysis, database queries, and IoT data access — accelerating decisions, minimizing downtime, and optimizing maintenance. The result? A more efficient, innovation-driven workforce.

WHAT IS AN INDUSTRIAL ASSISTANT?

SoftServe Gen AI Industrial Assistant simplifies equipment management by seamlessly integrating advanced technologies. It brings together maintenance guides, manuals, error codes, and troubleshooting procedures into one easy-to-use interface.

KEY FEATURES

- Real-Time Gen AI Interaction
- Workflow Support and Guidance

- Multimodal Retrieval-Augmented Generation
- Advanced Search and Contextual Recommendations

- IoT Integrations for Enhanced Insights
- Feedback Collection

USE CASE EXAMPLES

MAINTENANCE AND PREDICTIVE MAINTENANCE	Equipment upkeep, issue prevention, data-driven failure prediction
FAILURE ANALYSIS AND TROUBLESHOOTING	Root cause identification, issue diagnosis, and problem resolution
FEEDBACK COLLECTION	Input aggregation, process insights, deviation tracking, and improvement suggestions
PERFORMANCE MONITORING	Continuous tracking and predictive maintenance insights
TRAINING AND KNOWLEDGE TRANSFER	AI-assisted onboarding and skill development

KEY BENEFITS

10% INCREASE IN EQUIPMENT EFFICIENCY

Improve overall equipment effectiveness through predictive maintenance and AI-driven insights for smoother operations.

56% FEWER EQUIPMENT DEFECTS

Reduce defects using advanced root cause analysis, resulting in higher product quality and operational reliability.

50% FASTER ONBOARDING

Cut onboarding time in half with AI-powered training tools that quickly get new employees up to speed.

83% FASTER ACCESS TO CRITICAL INFORMATION

Shorten the time needed to find crucial data, enabling quicker decisions and minimizing downtime.

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SOFTSERVE GEN AI INDUSTRIAL ASSISTANT IMPLEMENTATION ACCELERATOR

4 WEEKS

RAPID GEN AI ASSESSMENT

- Conduct collaborative sessions to identify specific requirements, challenges, and objectives.
- Define the tailored architecture, integration points, risks, and project scope.
- Align solutions with the client's strategic roadmap while ensuring feasibility and impact.
- Deliver a customized proposal and commercial offer focused on achieving client success.

DELIVERABLES

- A thorough assessment of business priorities and key use cases.
- A clear, actionable roadmap for AI-driven improvements and integration strategies.

PROOF-OF-VALUE

- Develop and deploy a small-scale, fully functional solution on Google Cloud.
- Deliver key functionalities tailored to meet client-specific requirements.
- Test the Gen AI model using real and synthetic data for performance evaluation.
- Gather actionable feedback from client teams to refine the solution further.

DELIVERABLES

- A fully configured Gen AI-powered assistant integrated with client data sources.
- A comprehensive performance evaluation report with insights to guide future optimizations.

GOOGLE CLOUD EXPERTISE

SoftServe is a **Premier Google Cloud Services Partner** with deep and recognized expertise in enabling clients to develop Cloud-Native applications. Our approach involves leveraging advanced technologies like artificial intelligence, machine learning, and data analytics. **We've successfully delivered hundreds of projects** for clients ranging from Fortune 100 enterprises to digital-native startups.

84	**190+**	**700+**	**80+**
Net promoter score	Google Cloud-enabled customers	Certified Google Cloud professionals	Data science experts

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READY TO GET STARTED?　　　　　　　　　　**CONTACT US**

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