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SUPPLY CHAIN INNOVATION WITH GENERATIVE AI

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THE FUTURE OF SUPPLY CHAIN WITH GENERATIVE AI

Navigating supply chain disruptions has become the top priority for enterprises in the post-COVID business environment. Technology and innovation is one way for supply chains to adjust to a new reality and to withstand tight market competition.

KEY CHALLENGES

Supply chain digital transformation, data maturity, and integration can help organizations tackle current challenges and disruptions and support current year priorities and long-term business strategies.

INVENTORY OPTIMIZATION	Reaching optimal inventory levels to meet customer demand while minimizing holding costs and avoiding stockouts requires accurate demand forecasting, effective communication, and coordination between suppliers, manufacturers, and retailers.
MATERIALS AVAILABILITY	Ensuring the timely delivery of high-quality materials and goods through building and maintaining strong partnerships, monitoring supplier performance and vendor diversification.
DIGITALIZATION	An extraordinary level of efficiency and resilience can be achieved by leveraging the cloud, IoT, and other cutting-edge technologies together with digital twins and control towers to effectively manage the challenges presented by today's dynamic business environment.
AUTOMATION	Increased adoption of supply chain robotics, low code and RPA solutions to tackle the labor shortage and improve workforce productivity.
SUSTAINABILITY AND ESG	Responsible sourcing, reducing environmental impacts, and addressing social and labor concerns pose significant challenges as organizations strive for more sustainable and ethical supply chains to minimize environmental impact and promote responsible resource management.

GENERATIVE AI BUSINESS BENEFITS

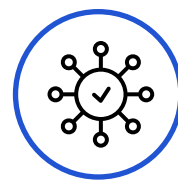
AI applied in supply chain management offers the potential to enhance enterprise resilience, sustainability, and cost structures. Generative AI serves as a powerful catalyst, amplifying the combined capabilities of humans and technology to establish efficient and robust supply chains in planning, sourcing, manufacturing, or logistics. We suggest you consider some of the most promising directions for the future, as shown below.



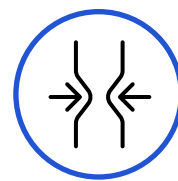
Automate tasks and scale processes



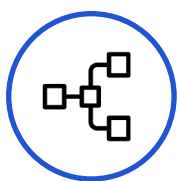
Reduce costs and increase efficiency



Generate insights from various data sources



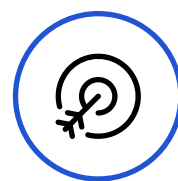
Identify bottlenecks in the value chain



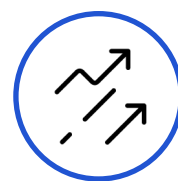
Optimize internal processes



Select suggested options for risk mitigation

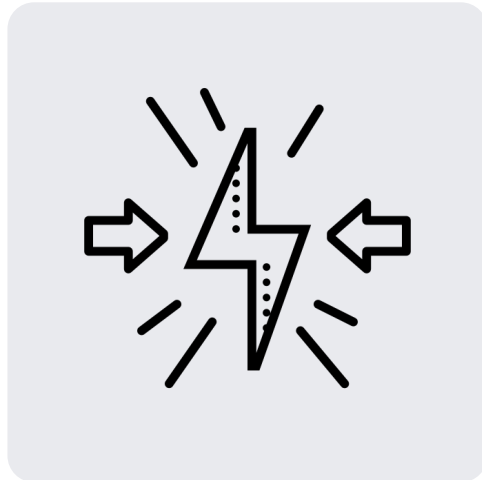


Simulate optimization scenarios



Increase competitive advantage

MOST PROMISING GENERATIVE AI USE CASES

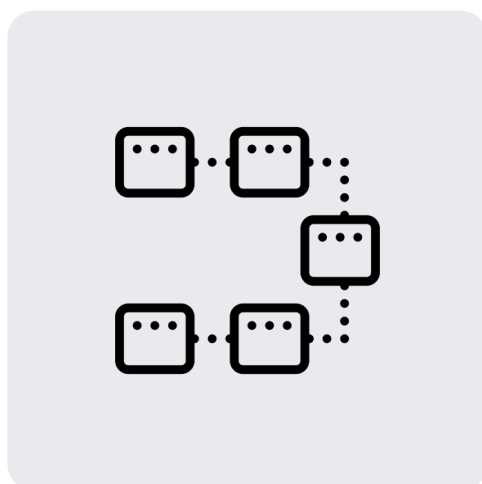
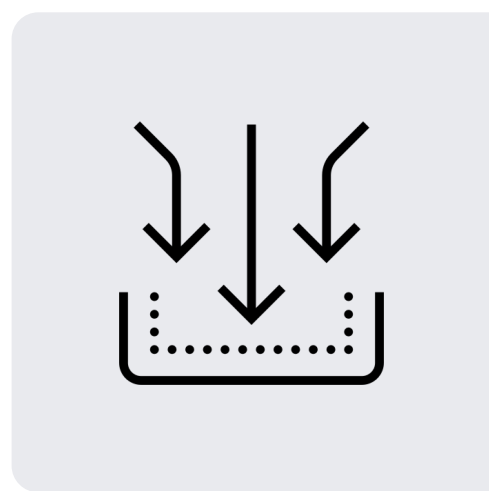


DISRUPTION ASSESSMENT

Analyze external data to identify natural, political, and economic events in different regions and countries that can lead to disruption within the value chain (e.g., earthquakes, pandemics, port conjunctions).

INVENTORY OPTIMIZATION

Identify upcoming product shortages and excess inventory to provide planners with the prioritized list of availability risks.

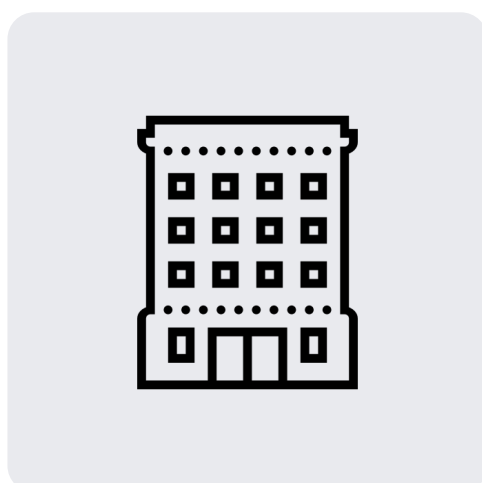
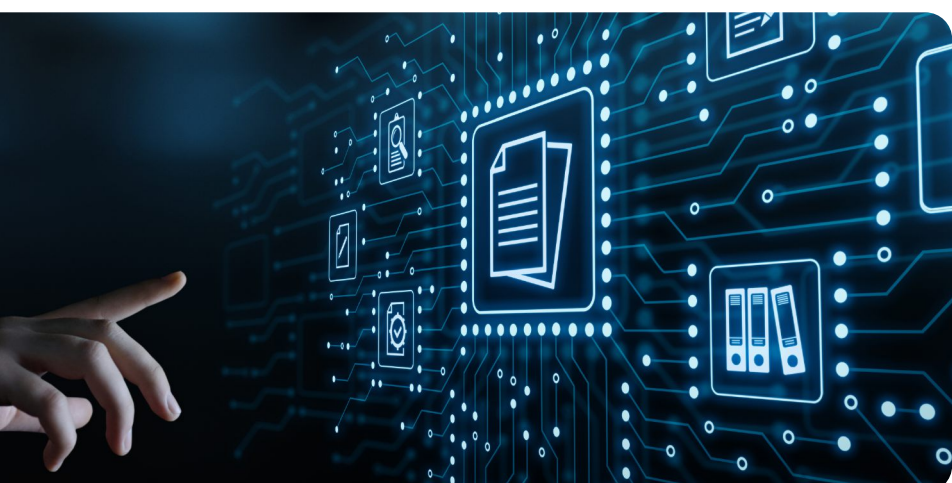


ORDER MANAGEMENT

Intelligent assistant to track order status, delivery dates, transportation schedule, and payment execution to avoid data extraction from various systems on a daily basis.

SHELF LIFE INVENTORY MANAGEMENT

Reduce the amount of product waste by proactively identifying upcoming expiration risks and selecting the most optimal mitigation scenario.



VENDOR SCREENING

Automate the process of vendor management and vendor selection. Cut down the time needed for supplier identification from weeks to days.

GET STARTED ON YOUR GENERATIVE AI JOURNEY

LET SOFTSERVE ACCELERATE YOUR GENERATIVE AI JOURNEY WITH 3 OFFERINGS

Don't be left behind in the race to harness the disruptive innovation of Generative AI. SoftServe defined [Generative AI adoption patterns](#) that are designed to help you navigate the complexities of this emerging technology. We will help you select an appropriate adoption pattern or its combinations for building tailored solutions to meet your enterprise's unique needs. Expedite your journey towards a new way of productivity and creativity with SoftServe Generative AI offerings, positioning your business as a leader in the industry:



AI DISCOVERY

*From Interest to Discovery:
Generative AI Ecosystem and
Implications for My Business*

- ✓ Use Cases & Business Impact Priorities
- ✓ Data Quality and Availability
- ✓ Technology Trade-offs and Architecture
- ✓ Technical Feasibility with POC



AI LAUNCHPAD

*Launchpad to Innovation:
Evidence-Based Exploration
and Deployment*

- ✓ Generative AI Lab
- ✓ AI Launchpad Program for rapid experimentation
- ✓ Value Stream Mapping & Use Cases
- ✓ POC/POV Pipeline



AI ADOPTION

*From Insight to Impact:
Rapid Scaling and Adoption
in My Organization*

- ✓ Generative AI Adoption Roadmap
- ✓ Technology Strategy
- ✓ Data Strategy
- ✓ Change Management and AI Governance

- ✓ Generative AI Solution Development
- ✓ Generative AI in Product and Engineering Teams

It's urgent and the time to start is now. But you know that Generative AI is not a deployment sprint. With SoftServe's experts to address your unique enterprise needs and guide you through possible adoption options, you will move past the hype and harness its benefits for your enterprise.

Learn more about SoftServe's Generative AI Lab, POVs, offerings, and partners. Visit us at our [Generative AI website page](#).

YOUR PARTNER FOR THE FUTURE

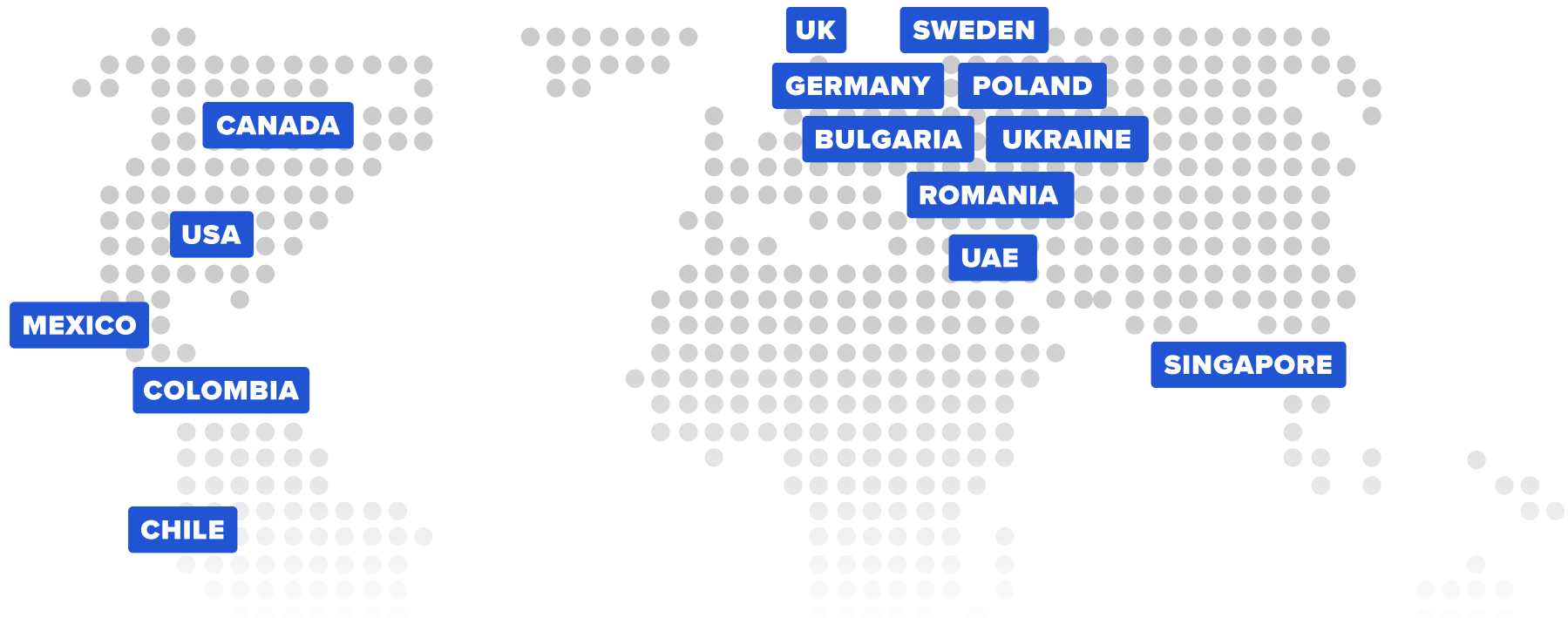
DIGITAL ADVISORS, SOFTWARE INNOVATORS, AND EXPERIENCE BUILDERS

30 Years of Experience

98% Client Retention

14 Countries of Operations

58 Offices Worldwide



GOOGLE CLOUD EXPERTISE

As a Google Cloud Partner and the winner of the 2020 Google Cloud Partner of the Year Award for Machine Learning, SoftServe is committed to helping customers solve their most pressing business challenges. SoftServe utilizes Google Cloud's AI ecosystem, including tools such as Google Cloud Vertex AI and Generative AI App Builder. [Learn more](#)

120+
GCP Enabled Customers

690+
GCP Certified Resources

100+
Data Science Experts

3
Anthos Fellows



AMAZON WEB SERVICES

As an APN Premier Services Partner, SoftServe acts as an exceptional cloud guide, vastly decreasing the time to achieve cloud value. By doing so, SoftServe ensures that your AI initiatives unleash the full potential of AWS Machine Learning services, such as Amazon Bedrock and SageMaker, and that they are deployed in accordance with AWS Well-Architected best practices. [Learn more](#)

500+
AWS Certified Resources

100+
AWS Certified Solution Architects

50+
AWS Professional Certifications

11
AWS Competencies



MICROSOFT

Innovate with purpose, rationalize costs, and drive efficiencies with Microsoft Azure's open and flexible cloud computing platform. Leverage Azure OpenAI and Machine Learning services to deliver next-generation AI solutions. As a Gold Microsoft Partner, SoftServe enables your business to build and deploy on your terms — both today and in the future. [Learn more](#)

250+
Azure Certified Professionals

19+
Years as a Microsoft Partner



NVIDIA

As an NVIDIA Service Delivery Partner, SoftServe harnesses NVIDIA's cutting-edge technologies, like GPU-accelerated compute infrastructure, to deliver robust AI solutions. Leveraging NVIDIA's NeMo Service, SoftServe streamlines the development of Generative AI products, driving rapid digital transformation. [Learn more](#)

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DEEP TECHNOLOGY EXPERTISE IN AI/ML

**HUMAN-FIRST APPROACH TO DESIGNING
EFFECTIVE EXPERIENCES**

**INDUSTRY EXPERTISE AND PARTNERSHIPS
WITH CLOUD SOLUTIONS PROVIDERS**

LET'S TALK



BUSINESS OPPORTUNITIES

Release your supply chain team from manual tasks and allow them to focus on value-added planning activities, root-cause analysis, loss elimination, and continuous improvements.

