

Digital Supply Chain Advisory Services

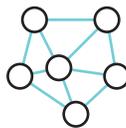
SUPPLY CHAIN 4.0: BUILDING THE INTELLIGENT DIGITAL SUPPLY CHAIN OF THE FUTURE

Recent advancements in Internet of Things, big data, robotics, artificial intelligence, blockchain and cloud technologies present both seemingly endless opportunities and unrelenting challenges for the enterprise. By leveraging the power of these emerging technologies, companies can boost operational effectiveness in the supply chain to new levels and operate at a scale not imagined before.

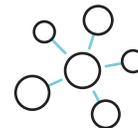
EPAM, a leading global provider of digital supply chain advisory services, specializes in helping companies unlock competitive advantage through supply chain transformation that is centered on improving the end-to-end user experience through agile innovation. We design and develop technology solutions that solve the following challenges for suppliers, users, customers and consumers across the world:



RISING CUSTOMER EXPECTATIONS



GROWING COMPLEXITY



INCREASING MARKET VOLATILITY AND SUPPLY CHAIN RISKS



INTENSIFYING GLOBAL COMPETITION



INCREASING COST PRESSURE



GREATER NEED FOR TRANSPARENCY AND SUSTAINABILITY

HOW WE HELP YOU TAKE THE LEAP TO DIGITAL & INTELLIGENT SUPPLY CHAIN

Despite technology's potential to automate and optimize the supply chain, many enterprises are still running legacy ecosystems that suffer from siloed decision-making and a lack of standardization and orchestration. While many enterprises have adopted technologies to unlock value and efficiency, few are operating at peak digital capacity and empowering their people to drive business results.

EPAM's Continuum and Digital Engagement practices put the human at the center of supply chain technology by focusing on personas and experiences, while our agile and innovation lab approach allows companies to quickly iterate through various solution alternatives and find the best fit for their unique problem. Overall, we offer expertise in the following areas:

INNOVATION

- Rapid ideation
- Quick from concept to prototype
- Ability to fail fast

VISIBILITY

- Big and rich data sources
- Connected devices
- Mobility-enabled workforce

COLLABORATION

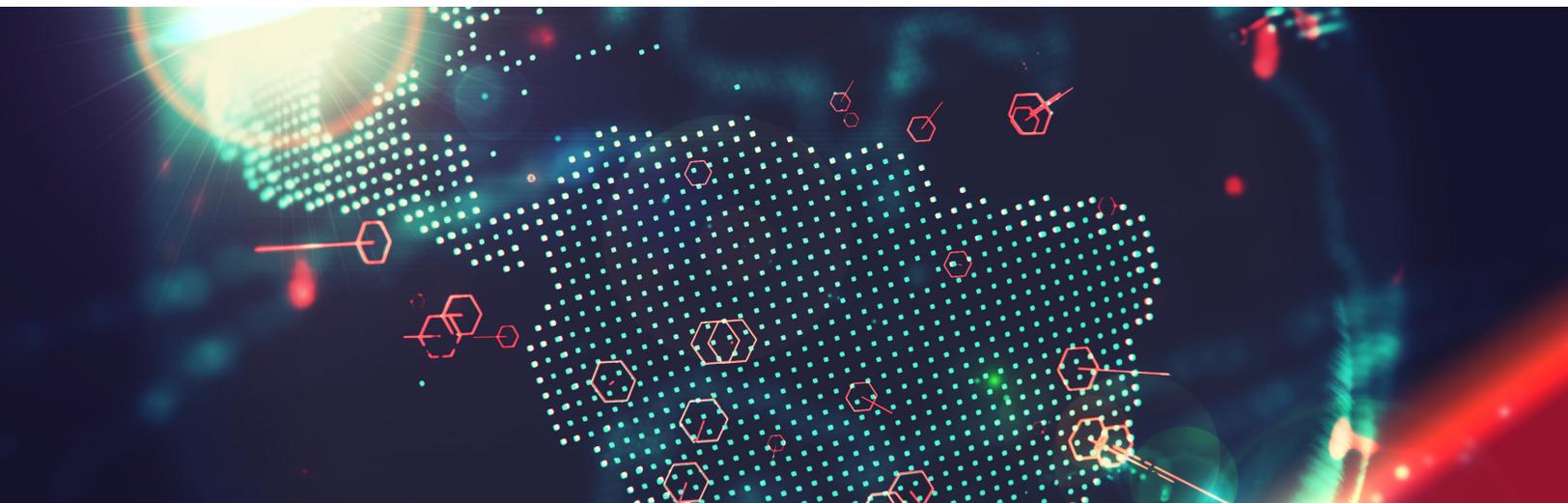
- Scalable cloud platforms
- Plug-and-play apps
- Technology-enabled trust

PREDICTION

- Analytics-driven culture
- Dynamic network of assets
- Use of machine learning and AI

AUTOMATION

- Standard and best-in-class processes
- Automated operations
- Optimal mix of humans and machines



SUPPLY CHAIN SUCCESS STORIES: HOW WE'VE MADE AN IMPACT

SUPPLY CHAIN MANAGEMENT SERVICES PROVIDER

Delivered a **next-generation procurement platform** to connect customers and suppliers that automates sourcing, purchasing, contracting, document management, user management and more.

SWISS PHARMACEUTICAL COMPANY

Integrated **SAP Advanced Planning and Optimization (APO)** into the client's IT infrastructure to improve planning and forecasting across key supply chain-related areas of the business, including sales, production, transportation and purchasing.

EUROPEAN AUTOMOTIVE PARTS DISTRIBUTOR

Built an SAP-based **digital supply chain** solution that resulted in a 48% decrease in order lead time, a 1-2% increase in overall revenue growth and a 6% increase in on-time shipments.

GLOBAL DISTRIBUTOR

Applied **predictive machine learning** for lead time analysis and demand forecasting, identified opportunities to reduce safety stock up to 50-fold for certain SKUs, and found millions of dollars in working capital savings.

RETAIL CLIENTS OF A PRIVATE WEATHER COMPANY

Incorporated weather data to build a **new data model** and solution designed to prevent inventory shortages and reduce inventory excesses, resulting in a 17% improvement above the base forecast and additional weather-related marketing opportunities.

WORLDWIDE FMCG COMPANY

Developed a highly visual, interactive **analytics** solution to provide immediate insight into shipment costs and vehicle fill rates based on integrated data covering thousands of SKUs and shipping locations. The result has been an estimated 7-12% reduction in transportation costs.

INTERNATIONAL PHARMACEUTICAL ORGANIZATION

Engineered an **optimization tool** for minimizing losses of materials during vaccine manufacturing that addresses numerous technological factors influencing production and processes solutions in less than 30 seconds.

TRANSPORTATION SOLUTIONS COMPANY

Created a web-based **transportation management solution** to handle trip planning and optimization, sourcing and procurement, document storage and sharing, reporting and more to serve 20,000+ carriers and 100,000+ users across 80 countries in 11 languages.

WHAT WE OFFER: EPAM'S DIGITAL SUPPLY CHAIN ADVISORY SERVICES



**DIGITAL SUPPLY CHAIN
STRATEGY AND TARGET
OPERATING MODEL**



**INTELLIGENT SUPPLY
CHAIN SOLUTIONS**



**SUPPLY CHAIN AUTOMATION
AND OPTIMIZATION**



**CONNECTED
SUPPLY CHAIN**



**SUPPLY CHAIN
INNOVATION**



LEVERAGE OUR DEEP TECHNOLOGY EXPERTISE

ANALYTICS & BIG DATA

Analyze and optimize the cost to serve, sense and shape demand, and evaluate supplier performance

INTERNET OF THINGS

Build digital twins of supply chains and assets, unlock predictive maintenance, and remotely monitor manufacturing processes

BLOCKCHAIN

Provide E2E supply chain transparency and traceability to prove authenticity, manage documentation, and identify the source of goods and materials

MOBILITY

Enable field forces, collect and analyze shelf and consumer data to improve service levels, and provide value-added services to consumers and manufacturers

AUTOMATION

Automate routine activities to free resources for strategic decision-making, improve the accuracy and timeliness of data, and accelerate business processes

CLOUD PLATFORMS

Build collaboration platforms for supply chain partners, create data lake solutions to support advanced analytics, and rapidly scale innovative applications

HUMAN- CENTERED DESIGN

Develop solutions that are centered around humans, not machines, to increase supply chain efficiency through usability, adoptability and emotional connection

START THE CONVERSATION TODAY

Are you ready to optimize and automate your supply chain through the implementation of innovative technologies? Contact us today to schedule your free consultation.

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