

Intelligent Automation in Supply Chain



AN AUTONOMOUS SUPPLY CHAIN THAT GOES THE DISTANCE

Imagine a supply chain that operates as smoothly as a well-oiled machine—where every task is optimized, every disruption anticipated, and every decision backed by real-time data. This isn't just a vision of the future; it's what **Intelligent Automation** can deliver today. By transforming traditional supply chains into autonomous, adaptive ecosystems, businesses can achieve unparalleled efficiency, resilience, and agility.

WHY AUTOMATE?

Modern supply chains face growing complexities that demand smarter solutions. **Intelligent automation** offers the ability to overcome key challenges and unlock transformative opportunities.

THE CHALLENGES:

- **Manual Processes:** Repetitive, time-consuming tasks slow down operations and limit scalability.
- **Limited Visibility:** Disconnected systems make it difficult to track inventories and shipments in real time.
- **Unpreparedness for Disruptions:** Material shortages, natural disasters, or market shifts can derail the entire supply chain.

THE OPPORTUNITY:

With intelligent automation, businesses can:

- **Enhance Forecast Accuracy:** Leverage advanced analytics for better demand planning.
- **Improve Decision-Making:** Utilize real-time data insights to make proactive and informed choices.
- **Build Resilience:** Adapt quickly to market, supplier, and economic disruptions to maintain continuity.

THE KEY AREAS OF TRANSFORMATION

1. Planning: Smarter Forecasting and Agile Adjustments

Automation enhances supply chain planning, ensuring accuracy and adaptability in a dynamic environment.

- **Dynamic Adjustments:** Incorporate real-time updates to planning constraints and input parameters.
- **Enhanced Forecasting:** Use sales intelligence and AI models to improve demand forecasting reliability.
- **Agile Decision-Making:** React swiftly to changes in demand, supply, or unforeseen disruptions.

2. Productivity: Streamlined Operations and Stronger Collaboration

Automation removes bottlenecks in daily operations, enabling seamless workflows and improved productivity.

- **Automated Workflows:** Tasks like order management, inventory tracking, and invoice processing are completed faster with fewer errors.
- **Stronger Partnerships:** Ensure internal processes run smoothly, fostering trust and dependability with suppliers and customers.
- **Optimized Processes:** Evaluate and act on genealogy data to achieve continuous quality improvements.

3. Risk Management: Proactive and Connected Systems

Supply chain disruptions can be costly, but automation minimizes their impact through predictive and real-time insights.

- **Proactive Insights:** Gather and analyze historical and live data to improve risk prediction capabilities.
- **Seamless Data Flow:** Break down silos and connect systems for real-time information sharing across functions.
- **Early Detection:** Identify disruptions such as delays or inventory shortages and act before they escalate.

SUCCESS STORIES: TRANSFORMING SUPPLY CHAINS IN ACTION

CASE STUDY 1: GAR & AGING REPORT GENERATION

- **Problem:** Manual generation of aging reports consumed 8-11 hours weekly, leaving room for errors.
- **Solution:** Automation reduced report generation time to 6-8 minutes.
- **Benefits:** Saved over **500 hours annually**, eliminated errors, and significantly improved efficiency.

CASE STUDY 2: SHIPMENT TRACKING PROCESS

- **Problem:** Data extraction and formatting from SAP systems were time-intensive.
- **Solution:** Automated workflows streamlined data handling and reporting processes.
- **Benefits:** Increased accuracy, enhanced reporting capabilities, and boosted operational efficiency.

CASE STUDY 3: VENDOR MASTER CREATION

- **Problem:** Delays and inaccuracies plagued the manual creation of vendor details in SAP.
- **Solution:** Standardized and automated the vendor master creation process.
- **Benefits:** Achieved a **60% reduction in process time**, improving productivity and data accuracy.

THE ROAD AHEAD: A RESILIENT, AGILE SUPPLY CHAIN

In a world of constant change, automation ensures your supply chain isn't just efficient but also **future-ready**. By leveraging intelligent automation, businesses can:

- Build supply chains that adapt to shifting market conditions with agility.
- Minimize risks through predictive insights and proactive responses.
- Unlock operational efficiencies that translate into cost savings and customer satisfaction.

With intelligent automation, you're not just keeping pace—you're staying ahead of the curve.

PARTNER WITH US: TURNING CHALLENGES INTO OPPORTUNITIES

At Mastek, we understand the complexities of modern supply chains. Our tailored automation solutions are designed to meet your unique challenges, helping you transform your supply chain into a **highly efficient, adaptive, and resilient system**.

Let's work together to unlock the full potential of your supply chain and turn today's challenges into tomorrow's competitive advantages.

Contact us at info@mastek.com to start your automation journey.