

NAPA Auto Parts



Gregory Lisso, Vice President, Engineering

Lisso directs network design, facility engineering, and the execution of supply chain transformation and automation strategies for the GPC U.S. Automotive Group/NAPA Auto Parts network, encompassing over 80 distribution centers and 6,000 retail locations across North America. Their responsibilities include strategic inventory placement, flow optimization, distribution center design, and the integration of robotics and mechatronics systems. Lisso also oversees the construction, activation, and retrofitting of new and existing facilities to support network growth and enhance cost, quality, and service improvements.



Through nearly 6,000 auto parts stores and over 18,000 auto care centers in the U.S., NAPA has America's largest network of parts and care. The NAPA Network is supported by nationwide distribution centers with approximately 800,000 available parts, accessories and supplies. Widely recognized for quality parts, rapid availability and knowledgeable people, NAPA Auto Parts stores serve automotive service professionals, do-it-yourselfers and everyday drivers with quality parts, accessories and supplies to keep cars, trucks and equipment performing safely and efficiently.

DEPARTMENT BREAKDOWN

WHAT ARE YOUR KEY DEPARTMENTAL OBJECTIVES OVER THE NEXT 6 TO 12 MONTHS?

New supply chain operations design & build activities

Automation systems integrations

Integration partnering

New robotic applications in Supply Chain

WHAT IS YOUR CURRENT TECHNOLOGY STACK?

Miebach Engineering, Brightpick Robotics, Hai Robotics, Geek+ Robotics, HyTek, Toyota Automation

HOW MANY PEOPLE REPORT TO YOU (BOTH DIRECTLY AND INDIRECTLY)?

12

WHO DO YOU REPORT TO?

Chief Supply Chain Officer

WHAT IS YOUR TOTAL BUDGET OVER THE NEXT 12 MONTHS PERIOD?

\$150 to \$300 million

PROJECT INSIGHTS

PROJECT OR INITIATIVE DESCRIPTION

Design & launch new robotic entitled supply chain operations

Goals - reduce variable costs, improve cycle time, improve quality/accuracy

WHAT 3RD PARTIES ARE YOU HOPING TO MEET WITH?

Any robotic company focussed on supply chain operations, system integration companies, Sustaining Engineering & maintenance providers

WHAT IS YOUR TIMELINE FOR IMPLEMENTATION?

Annual

WHAT IS YOUR BUDGET FOR THIS PROJECT?

\$100M-\$250M/year

What technology/services are of strategic importance to you in the next 12 months?

Please indicate level of need/importance below.

We realize everyone has priorities, so we asked the delegates theirs. This is so that we can create a more personalized experience for all our attendees.

Automated warehouse management systems.	B
Robotic process automation (RPA) for inventory handling.	A
Industrial IoT sensors for real-time asset tracking.	C
Predictive maintenance with AI and machine learning.	B
Automated guided vehicles (AGVs) and autonomous mobile robots (AMRs)	C
Supply chain digital twin technologies.	A
Integrated planning and scheduling platforms.	C
Advanced data analytics & demand forecasting.	A
Cloud-based supply chain visibility solutions.	B
Edge computing for on-site processing.	C
Cybersecurity for industrial control systems.	D
Energy management & sustainability automation.	B
Automated quality control & inspection systems.	B
Collaborative robots (cobots) for material handling.	B
End-to-end traceability & compliance automation.	A