

2<sup>nd</sup> Edition  
Conference on

# SOLUTION DE TECHNOLOGY AUTOMATION AND ROBOTICS

“The North STAR of Logistics”.

30<sup>th</sup> August 2024, Friday | 1000 – 1715 Hrs | The Taj Mahal Palace, Mumbai

India is anticipated to become the world's third largest economy by FY28, with a projected GDP of \$5 trillion. This significant leap from ranking 10<sup>th</sup> a decade ago has largely been driven by the export of services. However, over the last few years, there has been a concerted effort by the Government of India (GoI) to bolster the manufacturing sector and increase merchandize exports. Through initiatives such as Make in India and Production-Linked Incentive (PLI) schemes for 14 varied sectors, the GoI aims to raise the manufacturing sector's contribution to GDP from approximately 16 percent at present to more than 20 percent in the next 2-3 years.

To achieve high-volume, merchandize exports and capitalize on the global shift in supply chains, India must compete with other export hubs like China in terms of price, quality, and efficiency — not only in manufacturing, but also in logistics, which typically accounts for 10-20 percent of cost of manufactured goods. At the same time, domestic consumption patterns are evolving, with customers expecting a variety of SKU options, affordable yet expedited deliveries, enhanced tracking and free returns. A strong and efficient logistics ecosystem is crucial to meet growing customer aspirations.

In this endeavour and with the target to improve India's ranking in the Global Logistics Performance Index from current 38th to the Top 25 by 2030, GoI launched the National Logistics Policy (NLP) in 2022. One of the key objectives of the NLP is to modernise the logistics ecosystem through greater adoption of information and communication technology, upgraded infrastructure, use of drones, automation, innovation, green logistics, international best practices and facilitate integration with global value chain. Crucially, the NLP has backed the development of the Unified Logistics Interface Platform (ULIP) to link diverse trade stakeholders such as shippers, ports, shipping lines, cargo terminals, transporters, government agencies etc., to enable seamless transactions.

Technology-led logistics operations and automation are expected to enhance efficiencies and customer experience in both domestic and global markets, adding significant value to businesses and the economy. This is expected to result in the rapid adoption of automation in the logistics sector in the next 5-10 years. Automation is being adopted across industries, including manufacturing, healthcare, oil and gas, chemicals, e-commerce, and FMCG for numerous logistics functions, right from simple data entry, to automated complex workflows, robotic storage and retrieval systems, intelligent transportation management, and proactive decision making.

This year conference with theme “Technology-led Logistics: A strategic business differentiator” will centre around the evolving logistics landscape in India with a specific focus on current and potential future state of technology and automation, case studies on benefits realised and the need for an ecosystem to drive strong ROI from automation.

## **SESSION 1: AUTOMATION TRIUMPHS: FROM THE HORSES' MOUTH**

In today's fast-paced world, the urgency to automate has reached unprecedented heights. While technological advancements have significantly lowered the barriers to entry, embarking on an automation journey can still seem overwhelming.

Our experienced & distinguished panel, featuring leading experts from diverse industry sectors, will share their compelling success stories of Supply Chain Transformation. Discover how these trailblazers harnessed the power of advanced technology to revolutionize their warehouse operations. From strategic decision-making to tangible benefits, they will unveil the secrets behind their automation triumphs, offering invaluable insights on how to navigate your own journey toward automation success. Don't miss this opportunity to learn from the best and see how you can leverage technology to unlock new levels of efficiency and innovation in your supply chain.

- What were the triggers for advance technology adoption in their warehouses?
- How did they conceptualise, calculate budget & ROI?
- How did they go about selecting vendor partners in this journey?
- What are some of the pre-requisites for going in for advance technology adoption at an enterprise level?
- What benefits has enterprise drawn from the warehouse automation?
- Are there any failures they encountered and what are the key learnings from it?

## **SESSION 2: FIXED, FLEXIBLE OR FUSION? DISCOVERING THE ULTIMATE TRUTH**

Step into the forefront of innovation with our thought-provoking session, where we explore the future of warehouse automation. Are you ready to challenge conventional thinking? Should you invest in fixed automation, embrace flexible solutions, or combine both with a revolutionary multi-agent orchestration platform?

Join us as industry visionaries and seasoned practitioners come together to debate and illuminate the path forward. This is more than a discussion—it's a journey into the heart of automation's future, where we'll unveil how blending fixed and flexible automation with a cutting-edge orchestration platform can unlock unprecedented levels of efficiency and agility.

We'll also explore the game-changing potential of Robotics-as-a-Service (RaaS) and its synergy with flexible automation, providing a glimpse into how these technologies can reshape your operations and drive future success.

Be part of this inspiring dialogue and discover how the right fusion of technologies can transform your warehouse into a beacon of innovation and excellence. Don't miss this opportunity to gain insight and inspiration on crafting the ultimate automation strategy for tomorrow.

- **Unveil the Current Landscape:** Gain insights into the benefits and limitations of fixed and flexible automation systems through real-world examples. Understand how these systems are currently shaping industries and driving success.
- **Debate on the Future:** Engage with a high-energy debate featuring diverse perspectives from experienced users and innovative suppliers. Delve into the potential future trajectories of automation and what it means for your business.
- **Illuminate Fusion Automation:** Discover the power of integrating fixed and flexible automation through cutting-edge technology. Learn about the critical role of multi-agent orchestration platforms in creating seamless and efficient systems.
- **Embrace Robot as a Service (RaaS):** Explore the transformative potential of Robot as a Service. Understand how RaaS, combined with flexible automation, offers scalable and cost-effective solutions.

## **SESSION 3: MASTERING THE TECH STACK – THE BACKBONE OF WAREHOUSE AUTOMATION**

In the dynamic world of warehouse automation, the right technology stack is not just a supporting player—it's the cornerstone of successful transformation. As automation and robotics reshape warehouse operations, integrating advanced systems like Warehouse Management Systems (WMS), Yard Management, Fleet Management, and Route Planning becomes crucial.

This session dives deep into the tech stack essentials that underpin advanced automation and robotics. Discover how the right software can streamline processes, enhance workflows, and drive efficiency. But beware: implementing these systems is not without its challenges. Changes to current processes and workflows can lead to project delays and significant cost overruns if not managed correctly.

Understanding the future trends in supply chain technology is key to navigating these complexities. Join us to explore how a robust and well-integrated tech stack can be the linchpin of your automation strategy, setting you up for success and ensuring your investment pays off.

Unlock the potential of your warehouse operations with insights into the software solutions that will define the future of your supply chain.

\*\*\*\*\*