

Delta gears up for Industry 5.0

Sanjeev Srivastava, Head of Industrial Automation Business, Delta Electronics India, shares his vision for growth, technological advancements, and key focus areas

Delta Industrial Automation Solutions, a division of Delta Electronics India, is set to drive the transition toward Industry 5.0 with cutting-edge automation solutions. The company is equipping manufacturers with smart technologies to enhance efficiency, adaptability, and intelligent decision-making. "Industry 5.0 and AI-driven automation represent the future, and Delta is ready to support Indian manufacturers with advanced solutions," said Sanjeev Srivastava, Head of Industrial Automation Business at Delta Electronics India. Emphasizing Delta's holistic approach, Mr. Srivastava highlighted the integration of hardware, communication systems, and data analytics to enhance factory performance. "With a

strong product portfolio, we enable seamless connectivity and real-time insights, empowering manufacturers to optimize operations with confidence," he added.

Expanding market reach

Delta's automation solutions cover everything from shop-floor operations to enterprise-level analytics. "With Delta's end-to-end automation portfolio, we cater to every level—from shop floor operations to top-floor analytics. Our products not only run manufacturing facilities but also enable data-driven decision-making," Mr. Srivastava explained. The company is integrating smart manufacturing solutions to enhance efficiency and productivity across sectors.



Sanjeev Srivastava

He adds, "We are looking at new products, new industries, and new markets while strengthening our existing presence."

Aggressive growth

Looking ahead, Delta has set ambitious growth targets. "Over the next five years, my goal is to double our business by tapping into underserved markets and large-scale enterprises," Mr. Srivastava shared. The company aims to expand its OEM partnerships and increase penetration in emerging industries.

Team expansion will be integral to this growth strategy. "We already have a solid team, but as we scale, we need regional teams closer to customers, more service engineers, and stronger R&D capabilities," he explained.

Delta's Bangalore headquarters will serve as a hub for this expansion, reinforcing both software development and automation

engineering capabilities.

Cobots in India

At ELECRAMA 2025, Delta announced the launch of its new D-Bot series Collaborative Robots (Cobots) in the Indian market. These 6-axis cobots boast payload capacities up to 30 kg and speeds as fast as 200 degrees per second. According to Mr. Srivastava, the D-Bot series cobots will empower industries with smarter, more efficient production processes including electronics manufacturing services (EMS), machine tool manufacturing, packaging, materials handling, welding and many more.

Future

Looking ahead, Mr. Srivastava emphasized the growing role of automation in electronics, semiconductors, machine tools, and automotive sectors.

"India's industrial automation market is expanding exponentially, and Delta Electronics is committed to being at the forefront of this transformation," he concluded.

National Safety Week is observed in India every year from March 4th to 10th to raise awareness about industrial safety and promote the importance of a safe and healthy work environment. As part of this initiative, mojo4industry hosted a LIVE digital dialogue on "How to Make Manufacturing Facilities Safe." This engaging session brought together experts to discuss key strategies and best practices essential for fostering a strong safety culture in manufacturing. Read the key highlights from the discussion here:

Safety first

Muthu Sekkar, COO at Hailstone Innovations Pvt. Ltd and Additional Director at Revathi Equipment India Ltd addressed the ongoing debate around longer work hours—whether 70 to 80-hour work weeks, smart work, or hard work—stressing that integrating safety into workplace culture is the true catalyst for economic growth. He stated that industry accidents are severely underreported, with only 30% being documented, yet even this small fraction accounts for a 2% loss to GDP. If all incidents were reported, the actual loss would likely reach 6-7% of GDP.

Adding to this, India's road accident losses already stand at 7% of GDP. Combining both figures, Muthu Sekkar estimated that ensuring comprehensive workplace safety could directly contribute to around 10% GDP growth. By making safety an integral part of industrial operations, India can enhance worker well-being while significantly boosting economic productivity, he believes.

Structured approach

Chris Brogli, Global VP of Safety Business Development at ROSS Controls emphasized that when safety is implemented correctly, it is complementary to production. However, many companies struggle with partial safety solutions,

How to make manufacturing facilities safe

addressing only certain risks—such as installing a light curtain but neglecting electrical, hydraulic, pneumatic, and other energy safety measures. This incomplete approach leads to system vulnerabilities and potential failures.

According to Chris, one of the most overlooked aspects of safety is documentation. In a court of law, if safety measures aren't documented, they are considered not done. To help companies develop robust safety programs, he outlined a seven-step process:

Understanding intentions: Assessing the company's safety goals, timeline, and execution strategy.

Setting a baseline: Conducting audits and assessments to evaluate existing safety conditions.

Developing machinery improvement plans: Using audit insights to upgrade machines and equipment.

Validating modifications: Ensuring that changes meet risk assessment requirements.

Operator training: A crucial yet often neglected step, ensuring workers understand new safety protocols.

Defining specifications: Creating a structured plan for lockout programs,

machine control systems, training, and inspections.

Final validation and documentation: If it's not documented, it didn't happen—proper records ensure legal compliance and accountability.

Chris also stressed the technical precision required in machine safety, where companies often use standard products instead of certified safety components, leading to device failures and performance gaps. A proper safety system must integrate safety input, logic, and output devices that meet performance level D and category 3 standards.

He explained that safety products aren't just "red and yellow" components—they feature advanced self-monitoring, direct-driven contacts, and multiple signal paths to ensure fail-safe operations. Companies must carefully select components and structure their safety programs to achieve reliable and compliant performance levels.

Industry 4.0

Kunal Sharma, GM – North, Central & East India, Schmersal India highlighted how technology is playing a transformative role in improving workplace safety and operational efficiency.

He introduced Schmersal India's capabilities, emphasizing their global presence with four plants in Germany, and others in Brazil, China, Pune, and the latest in the US. Schmersal India

provides turnkey safety solutions, including safety controllers, field boxes, and IO-Link systems, helping industries enhance machine safety and compliance. A key component of their approach is Tec.nicum, a specialist in conducting risk assessments to improve workplace safety standards.

Sharma explained Schmersal's risk assessment methodology, where factors like occurrence probability, exposure frequency, and severity determine the Hazard Rating Number (HRN). By enclosing hazardous areas and using input-output control mechanisms, companies can minimize risks effectively.

He also discussed Schmersal's Industry 4.0 solutions, such as real-time condition monitoring, predictive maintenance, and remote diagnostics. Their smart dashboard provides live machine interlock status, fault detection, and real-time alerts for quick maintenance response, reducing downtime.

Additionally, Schmersal's Digital Lockout-Tagout (LOTO) system enhances safety monitoring via QR code-based validation, allowing supervisors to approve procedures with live photo evidence, ensuring compliance while eliminating paper-based processes.

Schmersal is also leveraging AI-driven video analytics for industrial safety. For instance, AI cameras can detect PPE violations, such as missing gloves, allowing companies to rectify unsafe practices instantly.

Conclusion

The session underscored that safety is not just a legal requirement—it is a critical investment that enhances productivity, reduces losses, and saves lives. Experts emphasized that companies must adopt holistic safety strategies, combining education, structured risk assessment, advanced technology, and robust documentation.

In conclusion, Chris likened safety implementation to a journey that requires a roadmap. A well-defined safety plan, supported by industry standards and proper product selection, ensures successful execution and long-term workplace safety.



Watch the video here: <https://bit.ly/safety-m4i>

Socomec set for strong growth, powered by Asia

Socomec, a global leader in Low Voltage (LV) Power Switching, Monitoring, and Power Conversion products, continues its commitment to innovation and excellence. At ELECRAMA 2025, the company showcased its latest advancements, reinforcing its commitment to Indian market. In an exclusive interview, O'Niel Dissanayake, APAC CEO, Socomec Group; Meenu Singhal, Regional Managing Director - Socomec Greater India; and Marco Lorenzi, APAC Marketing Director, Socomec Group, shared their insights on the Indian market, growth strategies, and new product innovations.

Socomec's vision

O'Niel Dissanayake reflected on India's market potential, stating, "We had a fantastic year. We made several internal corrective actions to prepare ourselves for India's dynamic market, and it paid off. Industry leaders have been talking about the 'New India,' and they were right. We've seen significant growth, and we are well-positioned to capitalize on India's momentum."

Discussing what makes India a prime destination, he explained, "Energy today is not just about availability—it's about continuity. As India transitions into a digital economy, the demand for reliable energy is surging. With a young, tech-savvy population and an open international market, India has become an attractive hub for global investments."

Dissanayake also underscored Socomec's broader vision for Asia, stating, "Despite being a European company, we aim to be an Asian player in Asia. This means manufacturing in Asia and designing solutions tailored to regional needs. In India, we have localized our global portfolio and introduced innovations like Delphys XM and ATyS aM. Furthermore, last year marked our largest acquisition in Asia, along with two joint ventures for emerging technologies. Asia will be the driving force behind Socomec's future growth, and we are excited about the opportunities ahead."

Key exhibits

Highlighting the key exhibits at ELECRAMA 2025, Meenu Singhal said, "We are showcasing innovations across three different business segments. Our critical power segment features the Delphys XM UPS range, which is one of the most highly efficient, state-of-the-art products we have launched. It ranges from 300 to 800kVA/kW, offering a very compact and robust footprint with high power density and efficiency."

He also introduced new energy meters, adding, "The DIRIS A-100 and A-200 meters are designed to monitor energy quality and can handle up to 10,000 A with a current transformer (CT), making them ideal for data centers."

New launches

Discussing the new product launches at ELECRAMA, Marco Lorenzi introduced Socomec's latest solutions. "We are introducing the Delphys XM, a modular UPS solution that offers a high efficiency of 97.1%, making it ideal for AI-driven data centers, 5G applications, and other high-power-density sectors."

Additionally, Socomec launched its FP ESS fuses for energy storage systems that are available in capacities from 160 to 3,000 A, up to 1,500 V DC. Apart from these, the company



O'Niel Dissanayake



Meenu Singhal



Marco Lorenzi

displayed its comprehensive range of transfer switches, load break switches, and metering solutions, including trans-static volume compression technology.

Indian market

Discussing Socomec's approach to navigating India's highly competitive market, Marco Lorenzi emphasized the company's commitment to delivering more than just products. "We go beyond price—we provide complete solutions. Our expertise, coupled with unique product features, sets us apart in a market that values quality, technical excellence, and innovation."

He concluded by reaffirming Socomec's investment in India, stating, "We are continuously strengthening our offerings in India, focusing on delivering world-class solutions tailored to the industry's evolving needs."



Watch the video here: <https://bit.ly/mojo-socomec>

Jakson Infra's order book to surpass ₹5,000 crore in 2025

Deshraj Pathak, COO, T&D and Venkat Muvvala, President & CBO, discuss the company's ambitious growth plans

Jakson Infra, a division of Jakson Group, made a strong entry at ELECRAMA 2025, India's premier exhibition for the electrical and power sector. The company, known for its expertise in turnkey EPC infrastructure projects, showcased its capabilities in power transmission, power distribution, and metro electrification.

Mega projects

Of late, Jakson Infra has successfully secured many major projects including the metro electrification contract worth over Rs. 1,500 crore. "We are executing several large EPC projects, and this platform (ELECRAMA) allows us to connect with key stakeholders, including state electricity boards, central PSUs, and international clients," said Deshraj Pathak, COO, T&D, Jakson Infra. The company has also made significant progress in the Bengaluru Metro, having completed 33 stations and a depot earlier. "Now, we have secured a similar project in Bengaluru Metro, along with repeat orders in Kolkata and new projects in

Chennai Metro, including underground stations," Pathak added.

Future growth

Looking ahead, Jakson Infra aims to diversify across multiple segments. "As part of the Jakson Group, we are now eligible for mega projects under tariff-based competitive bidding (TBCB). This allows us to own infrastructure assets for 30-35 years," Pathak explained.

He further emphasized the need for efficient project approvals to accelerate execution. "Streamlining approval processes can enable the EPC industry to complete mega projects in a shorter timeframe," he noted. Jakson Infra's current order book stands at Rs. 5,000 crore and is expected to grow further by year-end. "We anticipate adding more large-scale projects soon," Pathak confirmed.

Sustainable solutions

Venkat Muvvala, President & CBO, Jakson Infra, emphasized the significance of ELECRAMA 2025 as a platform for industry-wide collaboration. "I expect to meet all

the stakeholders, including our customers, suppliers, and professional colleagues in the industry. Infrastructure development is directly linked to GDP growth. This event allows us to exchange ideas and find sustainable solutions," Muvvala remarked.

Legacy

Jakson Infra has a legacy of 77 years and has steadily expanded its business portfolio. "There are very strong promoters behind Jakson Infra, fostering a highly professional working environment," Muvvala stated. "The vision of our promoters has enabled sustainable growth. We began as a trading company, transitioned into DG set manufacturing, and became a leading OEM in this space. Our manufacturing partnerships span India, Bangladesh, Sri Lanka, and Nepal."

He further elaborated on Jakson Infra's diversified ventures. "We have implemented best practices in manufacturing and customer-centric solutions, allowing us to expand into multiple segments like Jakson Green, biofuels, and solar module manufacturing," he said.



Deshraj Pathak



Venkat Muvvala



Watch the video here: <https://bit.ly/jakson-elecrama>