



COMAU LAUNCHED NEW DIGITAL SOLUTIONS THAT ENSURE REDUCED COSTS AND OPTIMIZED PRODUCTIVITY

- in.Grid delivers real-time performance monitoring of the entire production line (equipment and manufacturer agnostic)
- in.Grid Line Monitoring maximizes equipment ROI, increases production uptimes and reduces costs associated with poor quality
- With integrated 3D simulation and custom application support, Comau's New Generation Robot Teach Pendant, TPX, optimizes operations in even the most difficult environments
- The easy-to-use TPX allows operators to program and control Comau robots without prior programming experience, with considerable time and cost savings

Grugliasco (Torino), October 14, 2024 – Comau showcased two new digital enablers at 34.BI-MU, Italy's leading exhibition for metal working, machine tools, robots, automation systems, digitalization and more. Underscoring the company's commitment to innovation in the field of industrial automation and robotics, visitors will have the opportunity to see how Comau's in.Grid digital platform and New Generation Robot Teach Pendant (TPX), with its full touchscreen functionality, can transform manufacturing processes, providing improved productivity, better quality and reduced overall costs.

By embedding advanced digital intelligence into the in.Grid IoT platform, Comau enables companies to harness the full potential of real-time data monitoring across both Comau and third-party equipment. This real-time line monitoring, tracking, and tracing of processes significantly enhances efficiency and sustainability. The platform's capabilities also help reduce downtime and improve overall quality.

in.Grid serves as a comprehensive, multi-competence system that provides in-depth data analytics concerning equipment performance and manufacturing processes. Not only does it monitor equipment status and the entire production workflow to drive performance, In.Grid also ensures transparent, paperless information delivery, accessible whenever and wherever needed. in.Grid Line Monitoring is available immediately as a cloud-based service or standalone software to be deployed within one or more facilities. in.Grid Robot Monitoring and Traceability modules will be coming soon.





in.Grid Line Monitoring lets companies track performance, identify bottlenecks, and pinpoint areas for improvement, giving them actionable insights to optimize productivity and operational efficiency. And, as a fully SaaS-based solution, the platform increases efficiency with digital twinning and performance monitoring, and facilitates improved asset and maintenance management, further supporting customers' sustainability objectives.

Comau's new TPX Robot Teach Pendant, on the other hand, transforms how users program, operate, and monitor robots. Equipped with a large touchscreen display, an advanced human-machine interface (HMI) that leverages intelligent programming paradigms, and 360° control functionalities, TPX lets customers seamlessly monitor and coordinate one or more robots with ease. In addition, its integrated 3D simulation capabilities enable users to visualize and adjust robot paths in real time, significantly reducing setup times and enhancing overall system efficiency. TPX also simplifies complex programming tasks, offering a more intuitive user experience and helping optimize operations in even the most difficult production environments.

"Our commitment to digital innovation is a key pillar in making industrial automation increasingly intuitive and easy-to-use," said Nicole Clement, Chief Business Unit Leader for Advanced Automation Solutions. *"This vision includes simplifying robot learning, programming and monitoring to the degree that non-expert users can easily manage complex tasks. It also includes creating a seamless flow of information across the entire factory regardless of whose equipment is installed. In doing so, Comau aims to increasingly optimize processes and performances while helping our customers lower overall costs."*

ABOUT COMAU

Comau is a worldwide leader in delivering sustainable advanced automation solutions. With 50 years of experience and a global presence, Comau is helping companies of all sizes in almost any industry leverage the benefits of automation. Backed by a continuous commitment to designing and developing innovative and easy to use technologies, its portfolio includes products and systems for vehicle manufacturing, with a strong presence in e-Mobility, as well as advanced robotics and digital solutions to address rapidly growing markets in industrial sectors. The company's offering also extends to project management and consultancy. Through the training activities organized by its Academy, Comau is committed to advancing the technical and managerial knowledge necessary to face the challenges related to automation and leverage the opportunities of a constantly changing marketplace. Headquartered in Turin, Italy, Comau has an international network of 7 innovation centers and 12 manufacturing plants that span 12 countries and employ 3,700 people. Together with its wide network of distributors and partners, the company is able to respond quickly to the needs of its customers, no matter where they are located throughout the world. www.comau.com



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