



COMAU AND SIEMENS: PIONEERS FOR A NEW AND EASY-TO-USE ROBOT PROGRAMMING APPROACH

- Introducing the innovative Comau Next Generation Programming Platform
- With the Comau Next Generation Programming Platform and Siemens Simatic Robot Library, companies can easily program and run Comau robots using Siemens software and systems
- Eliminating the need for dedicated robot programming reduces costs, complexity and streamlines deployment
- Comau estimates time savings of up to 30% for programming and up to 40% for integration thanks to the universal language and re-usable programming codes

Grugliasco (Turin), July 13, 2021 – Comau is pleased to announce that it has successfully released its Comau Next Generation Programming Platform, a protocol that implements the Uniform Robotics Data Interface (URDI) communications standard to simplify robot programming. This implementation facilitates the complete integration of Comau's robot family with the Siemens Simatic Robot Library, significantly reducing complexity within machine automation. Now, operators in any industry sector can easily program one or more Comau robots via the Siemens ecosystem they currently use for other applications and processes. The interface also delivers tangible cost and time savings, given that all automation products and cells can be managed without the need for specific competence in robotics programming. As such, companies can boost their efficiency and productivity without facing a challenging learning curve, which further reduces automation barriers for clients that have a consolidated use of the Siemens PLC and now want to introduce articulated robots.

Working with a major automotive customer, Comau has been able to reduce configuration and programming costs by 30% using its robot controller with the Siemens Simatic Robot Library. Beyond automotive, applications include everything from end-of-line processes, pick and place, the management of boxing and palletizing operations to logistics and more. Another important benefit is the ability to virtually program Comau's robots with the Siemens virtual PLC controller as a single operation. This enables end-users and Systems Integrators to perfect the programming sequence, download the program onsite and immediately begin running the robot.

The Comau Next Generation Programming Platform let integrating robotics into an existing line or process become straightforward and intuitive, a concept that is fully aligned with Comau's vision of making robotics accessible to end users. As such, it also mirrors the company's HUMANufacturing approach, through which industrial equipment and human





operators work together in complete safety and with the help of innovative digital technologies.

By removing barriers to automation, Comau is well-positioned to support companies of any size, in any industry, enjoy higher productivity. They simply use the same Siemens PLC that is already deployed for other applications and all the necessary “intelligence” is instantly transferred from the Siemens library to the robot without any extra work.

“The successful integration of Comau’s robot controller with the Siemens ecosystem reflects the company’s ongoing commitment to simplifying automation,” explained Gaia Salvadore, Robotics and Automation Products Segment Leader. “It also represents an important step towards the Easy-to-Use vision of Comau for Robotics.”

“Together with Comau, we are pioneers in offering the market the first seamless interface between industrial robotics and our Simatic Robot Library,” said Tobias Fengel, Marketing Manager Robotics & Electronics at Siemens DI. “In addition to Comau’s industrial automation expertise, this milestone is the result of our longstanding collaboration and will undoubtedly help companies extend their use of our joint technologies.”

About Comau

Comau, a member of Stellantis, is a worldwide leader in delivering advanced industrial automation products and systems. Its portfolio includes technology and systems for electric, hybrid and traditional vehicle manufacturing, industrial robots, collaborative and wearable robotics, autonomous logistics, dedicated machining centers and interconnected digital services and products able to transmit, elaborate and analyze machine and process data. With over 45 years of experience and a strong presence within every major industrial country, Comau is helping manufacturers of all sizes in almost any industry experience higher quality, increased productivity, faster time-to-market and lower overall costs. The company’s offering also extends to project management and consultancy, as well as maintenance and training for a wide range of industrial segments. Headquartered in Turin, Italy, Comau has an international network of 7 innovation centers, 5 digital hubs, 8 manufacturing plants and employs more than 9,000 people in 14 countries. A global network of distributors and partners allows the company to respond quickly to the needs of customers, no matter where they are located throughout the world. Through the training activities organized by its Academy, Comau is also committed to developing the technical and managerial knowledge necessary for companies to face the challenges and opportunities of Industry 4.0.

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