Mitsubishi Electric's Collaborative Robot Contributes to Environmental Awareness on World Environment Day

Mitsubishi Electric Türkiye drew attention at the WIN Eurasia Fair—where it showcased next-generation industrial automation solutions aimed at leading digital transformation and the 5G communication era—by placing a special emphasis on World Environment Day through its collaborative robot. Mitsubishi Electric's collaborative robot, capable of performing assigned tasks via artificial intelligence and 5G-enabled remote robot programming, attracted significant interest with a special application carried out on June 5, World Environment Day, inviting visitors to be more environmentally conscious. By collecting litter in the venue in response to voice commands, the robot worked for a cleaner future and delivered the message: *"Let's keep our environment clean, let's protect our future."*

At the WIN Eurasia Fair held at the Istanbul Expo Center, within the special **WIN Eurasia 5G Arena** area themed "5G, Metaverse and Artificial Intelligence," Mitsubishi Electric Türkiye showcased not only its collaborative robot but also its new solution for remote robot programming featuring voice command recognition and image processing, as well as its MELIPC product capable of performing data science–related calculations. The MELIPC industrial computer series displayed at the fair offers new technologies for edge computing, IT system coordination and device control, with its robustness and flexibility suited to general-purpose applications. One of MELIPC's software solutions, the data science tool **MaiLab**, is designed to improve production by enabling data analytics solutions to be implemented without any programming, making it easy to integrate into companies' manufacturing operations.

Stating that Mitsubishi Electric Türkiye is moving forward with the goal of leading the rapidly evolving 5G technology era, Nurettin Geçgel, General Manager of Mitsubishi Electric Türkiye Factory Automation Systems, said: "With our solutions that will make a strong impact on the future of automation, we continue to raise the bar in smart engineering applications. At the same time, as a company that always acts in line with ethical principles and respects the environment and nature, we are working to create a decarbonized and more environmentally sustainable society. We aim to achieve net-zero greenhouse gas emissions across all our factories and offices worldwide by 2030, and to extend our net-zero target to our entire value chain by 2050. For this reason, on World Environment Day, we wanted to demonstrate—through a meaningful, hands-on message—how our technologies serving the industrial transformation of the future and our artificial intelligence solutions can address complex challenges. Our robot application that collects waste through remote robot programming attracted great interest from visitors on World Environment Day." Geçgel also added: "As Mitsubishi Electric Factory Automation Systems, with our new products and services, we offer our customers a broad portfolio that meets their industrial automation needs. By automating hazardous processes, we help reduce risks to human health and well-being. Through our remote programming and image processing capabilities, we also provide flexibility, speed and efficiency in production across many different industries."