

DATALOGIC TO UNVEIL AI-POWERED SOLUTIONS FOR INTELLIGENT MANUFACTURING AT AUTOMATE 2026

New AI-powered sensing, vision, and traceability solutions complete a strong lineup designed to help manufacturers operate faster, safer, and smarter.

Chicago, June 22–25, 2026 – As manufacturers worldwide face mounting pressure to increase throughput, reduce downtime, and build more flexible production lines, Datalogic arrives at Automate 2026 with a lineup built to address these challenges head-on. The company will officially launch two major automation technologies — the SLS-10 safety laser scanner and the AREX400 AF fiber laser marking system — alongside its latest AI-powered sensing, tracking, traceability, and machine vision solutions. Visitors can experience them all at Datalogic Booth #13015 in the North Hall.

At North America's leading exhibition for factory automation, Datalogic is set to show manufacturers how they can protect their people, mark their products, and connect their entire operation - all with greater intelligence than ever before.

The World's Longest-Range Safety Scanner: SLS-10

Designed to protect operators working near moving machinery, robotic cells, palletizers, conveyors, and automated production systems, the SLS-10 is the world's first safety laser scanner with a detection range of up to 33 feet (10 meters). Continuously scanning surrounding areas, it detects human presence and prevents dangerous machine interactions before incidents can occur.

Thanks to its market-leading safety zone and 275° scanning angle, the SLS-10 protects significantly larger areas using fewer devices. In many installations, manufacturers can replace multiple scanners with a single unit — reducing hardware investment while simplifying installation, shortening commissioning time, and lowering maintenance requirements.

Best-in-class angular resolution and ultra-fast response times support both improved personnel protection and enhanced navigation for AGVs and automated forklifts. Strong immunity to dust and advanced configuration tools complete a powerful new approach to industrial safety.

A New Level of Flexibility in Laser Marking: AREX400 AF

Datalogic will also officially showcase its AREX400 AF into the U.S. market. This groundbreaking fiber laser marking system introduces software-controlled automatic focus adjustment — enabling manufacturers to adapt instantly to changing production demands without manual intervention or costly mechanical repositioning.

Unlike traditional fixed-focus systems, the AREX400 AF can mark parts and products at different heights within the same production cycle, eliminating the need for complex external positioning equipment while maintaining consistent, high-contrast marking quality across all surfaces.

With adjustable focus ranging from ± 20 mm up to an industry-leading ± 60 mm, format changes are executed through simple software commands, dramatically reducing changeover times and improving line uptime.

Designed for robotic integration and continuous-motion applications, the compact AREX400 AF features a lightweight 3.5 kg scan-head with robotic-grade cabling and IP64 protection for demanding industrial environments.

AI-Powered Sensing, Vision, and Traceability

Beyond its product launches, Datalogic's booth will feature live demonstrations showcasing how AI is transforming manufacturing quality and efficiency across sensing, vision, and traceability.

The Matrix 220 XAI barcode reader demonstrates how AI-enhanced decoding delivers a step change in reading performance on challenging direct part marked (DPM) codes, reflective, damaged, and low-contrast surfaces where traditional readers fail. The result: fewer line stoppages, lower reject rates, and greater traceability confidence.

A dedicated machine vision demonstration will showcase the MX-G2000 vision controller, which combines traditional machine vision with deep-learning AI to locate, measure, and inspect components simultaneously, reducing the need for multiple inspection stations and simplifying integration.

An integrated solutions demo for packaging lines will feature Datalogic sensors, safety devices, cameras, and barcode readers working in concert to deliver accurate traceability and quality inspection across the full production cycle.

"Automate 2026 is the perfect stage to show what's now possible when safety, precision marking, and AI-driven intelligence come together in a single, integrated offering." Said Antonio Sarica, Americas Sales Director Factory Automation "With the SLS-10 and AREX400 AF, we're giving manufacturers tools that don't just solve today's challenges, they're designed to adapt as production demands evolve."

Don't miss the chance to experience Datalogic's AI-Powered Solutions for Intelligent Manufacturing live at Automate 2026! Visit us at Booth #13015, North Hall, where our experts will be ready to walk you through live product demonstrations and technical discussions.