

FOR IMMEDIATE RELEASE:

Microscan and Cross Automation to demo end-of-line inspection with collaborative robot at Automate 2015

RENTON, WA, March 20, 2015 — Microscan, a global technology leader in barcode, machine vision, and lighting solutions, will demonstrate an end-of-line inspection using the [UR10 Robot](#) and [Vision HAWK Smart Camera](#) to inspect a small gasoline motor at [Automate 2015](#), located at McCormick Place in Chicago, Illinois next week. The robotic demo is a partnership with [Cross Automation](#).

In this application, the camera and robot identify the assembly and parts using [1D and 2D symbology reading](#) and check for the presence and location of critical components (the gas cap and choke lever). The status of each inspection is immediately displayed on the [CloudLINK](#) dashboard. This collaborative robot is designed to work safely and share work space with human operators. The simple programming environment streamlines sharing commands and responses with a smart camera. Microscan Vision HAWK is a robust (IP67) smart camera that has built in lighting and flexible (liquid lens) optics.

Preparing for further innovation on its engineering roadmap, Microscan will offer live demonstrations of plug-and-play automation products from its comprehensive automation portfolio at Automate, and will offer personal consultations with the company's technical solutions team. Visitors to these shows will be able to see and experience Microscan barcode and machine vision products that work right out of the box, including barcode readers for reading any code printed or marked on any surface and machine vision cameras that check for product defects, read text, or guide robots while enabling users to see exactly what the camera sees in user-friendly software interfaces. Visitors are invited to bring their challenges to the Microscan team and receive personal demos from the company's range of solutions to meet specific automation needs.

In addition to hosting booth 988 at the Automate 2015 show in Chicago, Microscan will lead a course as part of the AIA Certified Vision Professional (CVP) program taking place during the [Automate Conference](#) March 23-27. "Advanced Vision Lighting" will be instructed by Microscan Machine Vision Promoter Dr. Jonathan Ludlow on March 23, 11:00 A.M. to 1:00 P.M. This course will guide users in designing lighting environments for challenging machine vision inspection applications and cover topics such as selecting proper illumination wavelengths, dealing with complex part surface geometries, illumination integration, and controlling back reflections.

To learn about or register for the upcoming automation trade show, visit the [Automate](#) 2015 show website. Registration for the show is free to all visitors.

For more information about Microscan, visit the company at Automate (booth 988), or www.microscan.com.

About Microscan

Microscan is a global leader in technology for precision data acquisition and control solutions serving a wide range of automation and OEM applications. Founded in 1982, Microscan has a strong history of technology innovation that includes the invention of the first laser diode barcode scanner and the 2D symbology Data Matrix. Today, Microscan remains a technology leader in automatic identification and machine vision with extensive solutions for ID tracking, traceability, and inspection ranging from basic barcode reading to complex machine vision inspection, identification, and measurement.

As an ISO 9001:2008 certified company recognized for quality leadership in the U.S., Microscan is known and trusted by customers worldwide as a provider of quality, high precision products. Microscan is a [Spectris](#) company.

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