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FOR IMMEDIATE RELEASE:

Microscan Releases AutoVISION® Machine Vision Software for MicroHAWK® MV Smart Cameras

RENTON, WA, September 8, 2016 – Microscan, a global manufacturer of industrial machine vision solutions for quality control and guidance in factory and clinical automation, announces the latest version of its simplified AutoVISION Machine Vision Software to support new MicroHAWK Smart Cameras, now released and available for order.

Featuring the industry's most intuitive user interface for basic to mid-range applications, AutoVISION Machine Vision Software allows any user – regardless of experience level – to easily implement practical machine vision jobs for item tracking, traceability, defect detection, automated guidance operations, and monitoring. Inspection jobs are set up using step-by-step controls in the interface that guide users to connect to a camera, capture an image, add tools, and run the applied inspections. Graphical drag-and-drop machine vision tools allow users to add inspections to a saved image or live image feed from a connected camera to see real-time results and understand how a particular tool will affect the inspection output. AutoVISION tools range from the Decode Tool (decode any linear or 2D symbol to identify, log, track, and trace products), to the Measure Tool (ensure accurate parts and assemblies as well as enable guidance operations), to Optical Character Recognition and Verification tools. The software is scalable and backward-compatible with Microscan's advanced Visionscape® Machine Vision Software for access to programmer-level machine vision settings, enabling users to migrate jobs from one software environment to another on a single vision system. This allows users to meet changing demands without increasing time or cost to implement new capability.

With the release of new AutoVISION 4.0 software, Microscan adds more powerful features to Microscan's machine vision technology portfolio. AutoVISION 4.0 offers exclusive support for new MicroHAWK MV Smart Cameras and an expanded toolset for additional inspection capability in AutoVISION's same user-friendly graphical UI. To its toolset, AutoVISION 4.0 adds a Circle Measure Tool for measuring the radius of a circle when inspecting features like drill holes and apertures. New Color tools have also been added for detecting, identifying, and matching colored objects like test tube caps, PCB components, or features in automotive dashboard displays. All measurements in AutoVISION 4.0 are now available in real-world units such as millimeters and inches for intuitive application by human operators. In addition, AutoVISION 4.0 adds a setting for FTP image output, enabling users to store pass/fail images taken by the connected camera to a local file location for documentation and audit purposes.

AutoVISION 4.0 continues to be fully scalable to Microscan's comprehensive machine vision software, Visionscape (now Visionscape 8.0), for the most advanced inspection tasks and custom machine vision programming. Optionally, an AutoVISION Sensor interface is also available for inspection applications not

requiring Microscan's Decode and Barcode Verification capability offered in the full AutoVISION Machine Vision Software, providing a cost-effective software solution when barcodes are not a factor in inspection applications. When barcode tools are desired, however, full AutoVISION 4.0 software comes standard with the industry's leading barcode reading performance through Microscan's X-Mode 4.0 technology, which includes advanced image processing and decode algorithms for reading the most challenging symbols including damaged codes and direct part marks.

With the release of AutoVISION 4.0, Microscan's latest high-performance MicroHAWK imaging platform is now configurable for machine vision applications, with a new line of MicroHAWK MV Smart Cameras released and available for order. In three compact models (MicroHAWK MV-20, MV-30, and MV-40), each MicroHAWK camera features selectable options for sensor (WVGA, SXGA, or QSXGA), lens (standard and high-density), and integrated lighting (red or white internal and add-on LEDs). AutoVISION 4.0 also supports the integrated liquid lens autofocus capability of the new MicroHAWK MV-30 and MV-40 models for inspecting parts at various positions, distances, or sizes. Industrial, high-speed EtherNet/IP™ and PROFINET® communication is supported in applications utilizing the MV-40 model, and the new advanced communication capabilities of AutoVISION 4.0 allow MicroHAWK cameras and PCs to exchange data across different subnets, enabling users to connect to MicroHAWK cameras from anywhere in a factory or connect a camera from a local factory to a satellite facility. AutoVISION 4.0 is supported on Windows® 7 (32- and 64-bit) and Windows® 10 operating systems.

AutoVISION 4.0 is currently available for download for use exclusively with MicroHAWK Smart Cameras. Download AutoVISION 4.0 at www.microscan.com/autovisiontrial. Learn more about the MicroHAWK platform or request a demo of a MicroHAWK Smart Camera at www.microscan.com/microhawk.

About Microscan
Microscan is a global leader in barcode reading, machine vision, and verification technology 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 leader in automatic identification and inspection with extensive solutions ranging from barcode reading, tracking, and traceability up to complex machine vision measurement, guidance, code verification, and print quality grading.

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 part of Spectris plc, the productivity-enhancing instrumentation and controls company.

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