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VISION SYSTEMS

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Radiant Hosts Webinar Demonstrating Automated Visual Inspection Tools for Measuring Light and Color Across Backlit Instrument Clusters and Symbols

REDMOND, Wash. – April 15, 2020 — Radiant Vision Systems, a leading provider of imaging systems for measurement of light sources and displays, announces that it will host a webinar to introduce its Auto-POI software feature, a quick and easy tool for light and color measurement available in its ProMetric® and TrueTest™ software platforms. The webinar titled "Truly Automated Light and Color Measurement for Tell-Tales and Indicators" will be broadcast on Thursday, April 23, from 11:00 A.M. to 12:00 P.M. PDT (2:00-3:00 P.M. EDT). The webinar will include a presentation, software demonstration of Auto-POI in TrueTest Software, and audience Q&A session.

Evaluating the accuracy of light and color across instrument clusters is a challenge compounded by several factors. The number of indicators, the varying location of symbols, and the range of colors on a panel prove complex for automated inspection systems and human inspectors alike. Part of the Radiant software toolset, Auto-POI (Automatic Points of Interest) enables automatic registration of illuminated tell-tales and indicators regardless of shape or location for precise analysis of brightness, color, and other photometric qualities. Auto-POI provides the most efficient method for cluster evaluation in both production and R&D settings. Users can measure the luminance and chromaticity of multiple indicators simultaneously in a single image, enabling rapid evaluation of entire clusters at once. Using an imaging colorimeter to capture a two-dimensional image of a complete dashboard, control panel, or other display, users can draw analysis regions directly on the captured image to define areas to inspect. Based on user-defined CIE (xy or u'v') chromaticity and luminance thresholds, Auto-POI dynamically outlines the measurement areas of indicator shapes and characters to match defined tolerances. This enables evaluation of each indicator, indicators within a set (symbols with the same brightness or color), and harmonization of values across an indicator set.

Auto-POI is ideal for production-level inspection because it locates and registers symbols for each successive measurement regardless of symbol location, even as panels move or change configurations. Additionally, Auto-POI can evaluate several symbol sets at once. During setup, a user may define CIE chromaticity thresholds to identify all red indicators across the instrument cluster. Within the same inspection, a user can add CIE chromaticity thresholds for green indicators, enabling the user to view results for both red and green indicators, evaluate multiple sets of indicators at once, and set unique pass/fail tolerances for each set.

Attendees of Radiant's upcoming webinar will receive an introduction to the benefits of Auto-POI, measurement challenges addressed by this feature, and a software demonstration using

Auto-POI and [TrueTest Software](#) to measure multiple points of interest in a single image. For information about this webinar or to register for the broadcast on April 23, visit www.RadiantVisionSystems.com.

About Radiant Vision Systems
Radiant Vision Systems works with world-class brands and manufacturers to deliver creative visual inspection solutions that improve quality, reduce costs, and increase customer satisfaction. Radiant's legacy of technology innovation in photometric imaging and worldwide install base date back more than 25 years and address applications from consumer electronics to automotive manufacturing. Radiant Vision Systems product lines include TrueTest™ automated visual inspection software for quality control, and ProMetric® imaging colorimeters, photometers, and light source measurement systems. Radiant is headquartered in Redmond, Washington, USA, with strategic offices in California, Michigan, China, and South Korea. Radiant has been a part of Konica Minolta's Sensing Business Unit since August 2015. For more information, visit www.RadiantVisionSystems.com.

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