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Cognex VisionPro Software Breaks Down Barriers Between Deep Learning and Traditional Vision

Two major new releases deliver advanced vision tools and tighter deep learning integration in a high-performance platform

NATICK, Mass.—July 28, 2021—Cognex Corporation (NASDAQ: CGNX), the leader in industrial machine vision, announces VisionPro® 10.0 and VisionPro Deep Learning 2.0, two new releases in its VisionPro line of vision software.

VisionPro 10.0 is a major update of the company's industry-leading PC-based platform that delivers faster application performance and simpler application setup. VisionPro Deep Learning 2.0 is designed to integrate tightly with VisionPro 10.0, enabling customers to combine deep learning and traditional vision tools in the same application.

The new releases also introduce advanced vision tools for precision gauging and inspection applications. SmartLine is the industry's first hybrid smart tool. It combines deep learning enhanced line finding for complex scenes with precise positional data from traditional vision algorithms. The new VisionPro Deep Learning high-detail segmenter is designed for demanding medical and electronics applications that require precise measurement of scratches, contamination and other defects.

"As deep learning gains a foothold in the factory, we are seeing that many applications require more than just traditional vision or deep learning alone - they need both for the best solution," said Joerg Kuechen, Sr. Vice President of Vision Products. "The new VisionPro makes it easier for users to leverage the full range of powerful Cognex vision technology to address new and increasingly complex vision challenges."

For more information, visit www.cognex.com/VisionPro-10 or www.cognex.com/visionpro-deep-learning or call 1-855-4-COGNEX.

About Cognex Corporation
Cognex Corporation designs, develops, manufactures, and markets a wide range of image-based products, all of which use artificial intelligence (AI) techniques that give them the human-like ability to make decisions on what they see. Cognex products include machine vision systems, machine vision sensors, and barcode readers that are used in factories and distribution centers around the world where they eliminate production and shipping errors.

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Cognex is the world's leader in the machine vision industry, having shipped more than 3 million image-based products, representing over $8 billion in cumulative revenue, since the company's founding in 1981. Headquartered in Natick, Massachusetts, USA, Cognex has offices and distributors located throughout the Americas, Europe, and Asia. For details, visit Cognex online at www.cognex.com.

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