Honeywell Integrates Intel® Vision Products To Add Artificial Intelligence Capabilities To Video Security And Surveillance
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-- Technology accelerates video processing power, improves detection accuracy to reduce false alarms, increases operator productivity and meets privacy compliance requirements for end users
-- Integrated, customizable offerings to support Honeywell's MAXPRO® Network Video Recorders and Video Management Systems

ATLANTA, April 9, 2019 /PRNewswire/ -- Honeywell (NYSE: HON) today announced a first-of-its-kind technology integration with Intel that will enable new artificial intelligence (AI) capabilities in its MAXPRO® connected security platform. The new security platform, which will support MAXPRO Network Video Recorders (NVR) and Video Management Systems (VMS), will incorporate Intel® Vision products that enable advanced analytics, deep learning and facial recognition capabilities. These greatly enhanced security solutions will drive cost and time savings by significantly reducing false alarms and will meet compliance requirements such as General Data Protection Regulation (GDPR) through identity anonymization.

"Ensuring the security of commercial buildings and the safety of those within them has always been Honeywell's top priority," said Pete Lau, President, Commercial Security, Honeywell. "With emerging technology like analytics, facial recognition and deep learning, Honeywell and Intel are connecting buildings and protecting people like never before."

Advances in security and surveillance technology have increased demand for high-definition video and imaging offered by Internet Protocol (IP) cameras. The video surveillance global market is estimated to exceed $68 billion by 2023. At the same time, the technology to properly process the surge in vision data has lagged. End users require a solution that combines both building security and IT systems to address the challenge.

The integration of Intel Vision Products into the Honeywell MAXPRO NVR and VMS products will result in solutions that enhance site security and operator productivity. These integrated, customizable products will accelerate the processing time of each video stream and increase the number of cameras that can stream in real time through a single device. The adoption of Intel® Vision Accelerator Design products will provide Honeywell's security offerings with advanced AI capabilities with computational efficiency, allowing them to analyze video data with improved detection accuracy.

"With rapid advances in AI technology fueled by the influx of enormous amounts of visual data, our customers are presented with powerful new opportunities in multiple areas including edge video analytics and security," said Jonathan Ballon, Vice President, Intel Internet of Things Group. "The Honeywell MAXPRO solution, powered by Intel Vision Products, allows customers to process and analyze visual data in near real-time to make decisions faster, drive faster time to results and help ensure secure buildings, campus environments and banking institutions."

Beyond the software and hardware integrations, the partnership will also leverage the Intel® Distribution of OpenVINO™ toolkit, which fast tracks the development of computer vision and deep learning inference into vision applications. Through the toolkit, end users can accelerate computer vision performance, shorten vision solution development, and streamline deep learning inference and deployment.

The toolkit's deep learning capabilities will support Honeywell's Face Recognition analytics, providing another layer of detail in the software that allows it to learn faces of known entities in an organization. The software is also capable of removing face recognition data it doesn't recognize in compliance with GDPR requirements.

Honeywell will join the Intel IoT Solutions Alliance (ISA) and participate in Intel IoT RFP Ready Kits. A global organization comprised of more than 250 technology companies, ISA is dedicated to the development of scalable IoT and machine internet solutions. Intel IoT RFP Ready Kits are focused technology offerings that solve a class of market problems, have been deployed and tested in the field, and provide bundled hardware,

software and support. The technology is designed to grow with customer requirements.

Honeywell MAXPRO and Face Recognition are among a suite of vision security solutions alongside Xtralis LoiterTrace, an image analysis tool that identifies and tracks suspicious activity, and Xtralis IntrusionTrace, a video analytics program for real-time intrusion detection. The solutions suite is ideal for high traffic, sensitive environments including enterprise campuses, pharmaceutical companies, and banking and financial institutions.

Honeywell Building Technologies (HBT) is a global business with more than 23,000 employees. HBT creates products, software and technologies found in more than 10 million buildings worldwide. Commercial building owners and occupants use our technologies to ensure their facilities are safe, energy efficient, sustainable and productive. For more news and information on Honeywell Building Technologies, visit http://www.honeywell.com/newsroom.

Honeywell (www.honeywell.com) is a Fortune 100 technology company that delivers industry specific solutions that include aerospace products and services; control technologies for buildings and industry; and performance materials globally. Our technologies help everything from aircraft, buildings, manufacturing plants, supply chains, and workers become more connected to make our world smarter, safer, and more sustainable. For more news and information on Honeywell, please visit www.honeywell.com/newsroom.

Intel (NASDAQ: INTC), a leader in the semiconductor industry, is shaping the data-centric future with computing and communications technology that is the foundation of the world's innovations. The company's engineering expertise is helping address the world's greatest challenges as well as helping secure, power and connect billions of devices and the infrastructure of the smart, connected world – from the cloud to the network to the edge and everything in between. Find more information about Intel at newsroom.intel.com and intel.com.

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