

NEWS RELEASE

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For Immediate Release

Critical Link to Debut Canon Evaluation Kits at MD&M Minneapolis Expo

Syracuse, N. Y. – September 18, 2019 – Critical Link, a leading provider of electronics and engineering services for industrial embedded applications, will present its latest sensor evaluation kits and board level solutions at [Medical Design & Manufacturing \(MD&M\), Minneapolis](#), October 23 - 24, 2019. The company will premiere [its new evaluation kits that feature Canon's latest line of CMOS industrial sensors](#), in the main hall booth #2416 at the Minneapolis Convention Center.

Critical Link was recently selected by Canon USA to develop evaluation platforms for cutting-edge sensors, opening up new application possibilities in the medical industry, from medical imaging to microscopy. In addition to early assessment

of sensor performance, the new kits allow medical imaging system designers to accelerate development time. The kits feature an open-architecture design, with the option to embed processing and software with the on-board CPU and FPGA fabric.



“Critical Link has been enabling innovation in medical and scientific technology for more than 20 years,” notes Amber Thousand, director of marketing. “We’re excited to bring our embedded technology solutions to the Twin Cities, the largest medtech hub in the U.S.”

The company has provided embedded solutions for a wide range of medical applications including:

- Lab equipment & instrumentation
- Surgical equipment & instrumentation

- Diagnostics
- Robotic vision
- Dental imaging

Critical Link will also showcase their full line of industrial performance embedded system on modules (SOMs) and embedded imaging platforms. Products on display at MD&M Minneapolis will include:

- [MitySOM-A10S](#) system on module and image processing board. This family features dual-core Cortex-A9 ARMs with up to 480KLE user-programmable FPGA fabric, DDR4 memory, and 12 high-speed transceiver pairs, making it an ideal solution for machine vision and scientific imaging applications. The board is available in two configurations: first as a stack-through board for use in camera designs, and second with bottom-side, rugged board-to-board connectors for integration with an industrial baseboard.
- [MityCAM-C50000](#) imaging system. It is specially designed as an evaluation platform for the CMV50000 high-speed image sensor from ams / CMOSIS. The global shutter sensor features 47.5MP resolution at 30 frames per second, mono and RGB color options, with low dark noise and high dynamic range. The innovative system provides multiple interfaces including USB3 as standard, with custom options that include CoaXPress, Camera Link, GigE, and more.

To learn more, please visit Critical Link in the main exhibit hall **Booth #2416** at the Minneapolis Convention Center October 23 - 24, 2019 or visit www.criticallink.com. Free expo passes are [available in advance](#) for qualified registrants.

About Critical Link

Syracuse, N.Y.-based Critical Link (www.criticallink.com) is an embedded systems engineering firm providing system on modules (SOMs) and embedded imaging solutions for industrial performance applications. The company's expertise in image sensor integration, system-on-chip (SoC) and field-programmable gate array (FPGA) designs, vision protocols, and signal processing has made it a leader in board-level solutions and custom designs for OEMs and embedded developers around the world. Critical Link is a Platinum Member of the Intel (Altera) FPGA Design Solutions Network and the Intel IoT Solutions Alliance, and is ISO 9001:2015 Registered by SRI Quality System Registrar.