

## **ITT and Mercury Computer Systems Partner To Speed Intelligence Data to Warfighters**

ROCHESTER, N.Y., July 26, 2011 – ITT Corporation and Mercury Computer Systems, Inc. announced an agreement to combine their respective technology expertise and jointly develop an airborne solution that meets the interoperability needs of the tactical Warfighter. The new system is expected to be the fastest means of transforming raw sensor and metadata into geospatial intelligence in a small, standards-compliant configuration while a mission is on-station.

This joint initiative leverages core competencies from both companies to address the latency and data integrity inherent in current processing, exploitation and dissemination (PED) systems. ITT provides mission critical ISR (intelligence, surveillance and reconnaissance) systems built upon decades of experience and expertise in designing solutions for image, video and metadata collection, analysis, visualization, exploitation and dissemination. Mercury Computer Systems is a trusted provider of commercially developed, high-performance, standards-based application-ready subsystems for the ISR market and is known for its turnkey professional engineering services and rapid production capabilities.

“For nearly a decade, ITT has developed and deployed software-based scalable, flexible, standards-based enterprise solutions to address the community needs of video and imagery interoperability to provide direct and assured geospatial information,” said Danny Rajan, director, Geospatial Information Solutions, part of ITT Defense & Information Solutions. “This partnership will result in technology that streams imagery and video intelligence from an unmanned aerial system (UAS) platform to operational users. This combination of high-performance hardware and on-board data processing will substantially improve users’ ability to obtain situational awareness in real-time.”

“As the proven leader in ISR subsystems that meet the extreme and ever-changing demands of today’s warfighter, Mercury brings a proud heritage of innovation to this partnership with ITT,” stated Brian E. Perry, vice president of Services and Systems Integration at Mercury Computer Systems. “By combining our technology and integration expertise with ITT’s application software, we again will set the standard for an extremely high-performance, real-time, embedded computing solution for Processing, Exploitation and Dissemination applications on-board UAV platforms.”

ITT continues to hold leadership positions in several standards organizations, including the ISO/IEC 15444, JPEG 2000 Committee, the National Geospatial-Intelligence Agency (NGA) Motion Imagery Standards Board (MISB), and the U.S. Army Unmanned Systems Project Office Interface Control Working Group (ICWG). ITT’s PED architecture and solutions are built upon this experience, implemented in a suite of deployed TRL-9 (Technology Readiness Level) dissemination products –

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hardware accelerated or software JPEG 2000 compression; Enhanced IAS (JPIP) Server; adLib™ (MPEG-2/H.264) software; and Enhanced AGILE Access. Collectively, these form the building blocks of the PED architecture and directly apply to addressing the warfighter requirements. ITT continues to deliver both integrated Mission Solutions and commercial off-the-shelf software that will advance users' ability to access and exploit geospatial intelligence.

"We recognize Mercury's leadership and are confident that the company is an ideal partner for this venture," said Rajan. "Mercury continually delivers superior solutions aligned to warfighter requirements. Its commitment to open standards with OpenVPX and RapidIO technology aligns with ITT's drive to openness and cloud availability of data."

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