RPA Electronic Solutions Selects Digital Projection for LCAC Visual System Upgrade

ATLANTA, GA – (November 17, 2015) - RPA Electronic Solutions (RPA), as the visual teaming partner for LSI, Inc. (Jacksonville, FL) on TSC III, was awarded the Landing Craft, Air Cushion (LCAC) visual upgrade portion of the LCAC FMT contract. RPA is responsible for all aspects of the visual system upgrade including projector replacement, for which RPA chose the Digital Projection International (DPI) dVision WQXGA LED solid state illumination projector.

Rick Pray, President of RPA, said, “The choice of Digital Projection was made because they, like other companies, had a projector that fitted the need, but they also went above and beyond in support of our needs before and after the sale.” Pray continued, “Digital Projection's technical expertise and training assisted RPA in the design and test phase to ensure an efficient high fidelity display system.”

The LCAC FMT is an operations trainer for the Operator, Engineer, Navigator and Group Commander of the LCAC. It replicates the LCAC Control Cabin, and consists of a six degree of freedom motion system, 180 degree field of view collimated visual display, aural system, two instructor stations, computer equipment, and associated peripherals. The LCAC FMT provides training in the complex skills required for safe operation of the LCAC in both normal and casualty modes.

DPI will demonstrate its suite of solid-state projection solutions in booth #970 at I/ITSEC 2015 in Orlando, Florida, from November 30 – December 4, 2015.

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**About RPA Electronic Solutions Inc.**

RPA was founded in 1995 as an engineering design service partner. RPA strives to be the premier provider of reliable, real-time system solutions by fostering a work environment driven by empowering employees and nurturing innovation.

RPA products cover two main markets, visual system solutions and high performance embedded computing. Our feature-rich products are designed to enable our customers to meet their challenging market requirements by reducing time to market. RPA began accumulating expertise in the development of signal processing hardware when a past OEM contracted RPA to design a family of SHARC DSP carriers and modules. RPA continues to develop visual hardware based on years of experience in military flight simulation.

In the video processing market, RPA concentrates on producing low latency algorithms and related video products. Designs are built around hardware platforms that require little to no software intervention. RPA developed the now famous Genlock solution for gaming graphics cards used by many in the flight simulation world. The newest product in the family is our Gen2Lock card which contains all previous functions in a single slot solution, and supports locking video to external sources. Our Auto-Alignment system is a self-contained, absolute precision and adaptable measurement system for quick alignment of complex display systems. We have recently added a software warp, blend, and color correction solution to that product which is deployed on the LCAC simulator. For more information visit [http://www.rpaelectronics.com](http://www.rpaelectronics.com).

**About Digital Projection International**

Founded in 1989, Digital Projection International (Digital Projection) has been instrumental in the development and application of Digital Light Processing™ technology by Texas Instruments for projection systems. Digital Projection International introduced the world’s first 3-chip DLP® projector in 1997, and has since delivered expert system engineering and world-class customer services, thus maintaining its position as a digital imaging pioneer.

Digital Projection International’s groundbreaking projection research and development has garnered the admiration of industry professionals around the world. This has earned the company many awards, including two Emmy® Awards for Outstanding Achievement in Engineering Development by the Academy of Television Arts and Sciences. Digital Projection remains the first and only projector manufacturer to win the coveted award.

Today, Digital Projection International manufactures and distributes an extensive line of ultra high-performance 3-chip and single-chip DLP® projection systems. These projectors are the reference standard for demanding applications such as large-venue, live-event staging, fortune 5000, education, medical and scientific research, command and control, digital cinema, commercial entertainment, worship and elite home cinema.