20600 Gramercy Pl.
Torrance, CA 90501

Phone: (310) 320-1827
Email: info@intellisenseinc.com

News Release

Intellisense Systems Begins Fulfilling a Production Contract for Video Display Terminals (VDT) Used in the Air Force MC-130J

The VDT is a form, fit, and function replacement for existing displays that enables future upgrades to higher resolutions, touch screens, and new interfaces.

November 12, 2019 – Torrance, CA – Intellisense Systems, Inc., has begun shipping Video Display Terminals (VDT) to Air Force Life Cycle Management Center (AFLCMC) under an SBIR Phase III production contract. These VDT units will be used in the MC-130J as a form, fit, and function replacement for the combat system's operator display. This display will help the Air Force Special Operations Command (AFSOC) end users fulfill their mission by providing high-quality imagery and information. This program leverages previous Air Force development investments in an F-35 display, which could be quickly enhanced and adapted to this application in the MC-130J under an SBIR Phase IIE development. The new VDT units address Diminishing Manufacturing Sources and Material Shortages (DMSMS) issues with the current displays and provide a seamless path forward for future upgrades.

The VDT is a 15-inch high-color active-matrix liquid-crystal display with XGA (1024 x 768) resolution with high brightness/contrast, wide viewing angles, and is sunlight readable. Both the display and bezel are Night Vision Imaging System (NVIS) compatible and day/night selectable. The VDT supports a variety of digital video interfaces and has two fiber optic ARINC-818, two DVI-D, and two RS-422 ports. This system also meets or exceeds all the qualifications of military standards (MIL-STD-810F, MIL-STD-461C, MIL-STD-704A), and is designed for reliability in airborne environments.

"The largest benefit of this display is that it establishes a new baseline compatible with seamless future upgrades and additional enhancements," said Juan Hodelin, ISI's Vice President of Automation, Robotics, and Sensor Systems. "The electronics are designed to support upgrades to high definition (1920 X 1080) with only firmware updates. The display head assembly can also be replaced without mechanical modifications to the backend, easing the introduction of touch-screen technology and new display interfaces."

About Intellisense Systems, Inc.

Intellisense Systems, Inc. is a leading provider of advanced sensing and display solutions supporting a data continuum from acquisition to visualization. We enhance our hardware with software that adds intelligence to our systems and can turn raw data into useful information for improved decision making and process automation. Intellisense Systems offers both off-the-shelf products and custom development services. These services include research and development, requirements analysis, design, systems integration, prototyping, production, testing, field support, and training. Headquartered in the South Bay area of Los Angeles, we occupy over 100,000 square feet across two facilities. Our manufacturing capabilities include electronics fabrication, unit qualification testing, systems integration, and volume production with full quality assurance. Intellisense Systems is qualified across engineering, accounting, and manufacturing to serve both government and commercial customers.

www.intellisenseinc.com
Media Contact
Email: media@intellisenseinc.com
Phone: (310) 320-1827