Lockheed Martin Launches Unmanned Vehicle Control Software That Can Simultaneously Control Multiple UAV Types, Operating Anywhere On Earth

VCSi is based on 25 years of experience and 1.5 million flight hours

CALGARY, Alberta, Feb. 20, 2018 /PRNewswire/ -- Lockheed Martin (NYSE: LMT) software has been simultaneously flying, on average, at least six unmanned aircraft during every hour of the last 25 years, completing missions as diverse as reconnaisance, inspection, mapping and targeting. Today, Lockheed Martin is launching VCSi, a new vehicle control software, as the culmination of more than two decades of experience and 1.5 million hours of operational use.

Lockheed Martin will unveil VCSi – commercial software that enables operators to simultaneously control dozens of unmanned vehicles and conduct information, surveillance and reconaissance missions – during the Unmanned Systems Exhibition and Conference in Abu Dhabi this month.

"VCSi is a safe and reliable software platform that can be adapted to any vehicle – from one you can hold in your hand, to a 50,000-pound machine; from a vehicle that flies for a few minutes, to a vehicle that flies for months at a time," said John Molberg, business development manager, Lockheed Martin CDL Systems. "The user can integrate as many vehicles as required to complete their missions, including boats, quadcopters, fixed-wing aircraft or even high-altitude pseudo satellites. Across commercial or military missions, VCSi is adaptable to the challenge and further extends the power of the human-machine team."

VCSi's major enhancements include:

- **Multi-Vehicle:** Control interfaces to allow for true 1:n control of dissimilar vehicles anywhere on earth
- **Intuitive:** Lockheed Martin further advanced its fly-by-mouse interface to enable easier training and reduce operator/analyst task loads
- **Affordable:** Priced competitively with all unmanned systems in mind, customers can buy essential modules for their mission set
- **Modular:** Offers a robust plug-in architecture, which allows for custom content to be added by the user or selected from pre-existing modules
- **International:** Commercial software, made in Canada and free of export restrictions

VCSi is designed around the NATO Standardization Agreement known as STANAG 4586, which supports unmanned vehicle interoperability. Customers can build attachments or plug-ins beyond 4586 to customize the VCSi software, which also supports multiple languages and non-Latin scripts. VCSi provides advanced 3D visualization of vehicles and airspace, and it is at the forefront of integration into unmanned traffic management systems.

This year marks the 25th anniversary of the VCS unmanned control product family, which has accumulated more than 1.5 million flight hours by operators controlling 40 different vehicles across several dozen companies.

Lockheed Martin has five decades of experience in unmanned and autonomous systems for air, land and sea. From the depths of the ocean to the rarified air of the stratosphere, Lockheed Martin's unmanned systems help militaries, civil and commercial customers accomplish their most difficult challenges.

For additional information, visit our websites: https://www.lockheedmartin.com/us/products/cdl-systems/VCSi.html and www.lockheedmartin.com/unmanned

About Lockheed Martin
Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 100,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services.

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