One System to Leverage Multiple Platforms

The global market for unmanned systems is growing rapidly and is fast becoming the cornerstone for military intelligence, surveillance and reconnaissance missions. As deployment expands and technology advances, customers are carefully monitoring costs across unmanned systems development, maintenance, training and sustainment requirements.

Raytheon has demonstrated capability with more than 10 different unmanned systems in the air, along with surface vessels and unmanned ground vehicles, and is ready to easily adapt to safely control many more.

"By designing open systems to meet military and civil needs for reducing cost, enhancing safety and operational effectiveness, and reducing operator workload and training requirements, Raytheon partners with our customers to ensure mission success," said Brooke Griffith, director of international business development for Raytheon.

Raytheon’s unmanned Common Ground Station System (CGCS) enables one system to simultaneously control multiple dissimilar platforms while leveraging industry-leading graphics and gaming technology for intuitive training and operation. Our open, documented interfaces are readily available for customers and vendors to adapt and augment, providing the latest innovative ideas and applications.

The Raytheon CGCS is a solid performer with unprecedented experience, touting multiple programs of record. Our systems have logged more than 70,000 flight hours of combat support, delivering our customers 99.8 percent ground station reliability.

Raytheon’s CGCS provides three benefits:

- Flexibility to scale the ground station from large headquarters implementations all the way down to handheld-phone-size controllers.
- Allows unmanned systems management functions and information to be distributed across the total enterprise.
- Open, common, nonproprietary architecture minimizes life-cycle costs, simplifies configuration management, and reduces training time and costs.

Raytheon CGCS is open, common and nonproprietary, and is uniquely structured to minimize configuration management, reduce operator requirements, and reduce life-cycle costs. The proven Raytheon ground station capabilities that have been flying unmanned systems for the U.S since 1994 are ready to ensure mission success across all domains: air, ground, sea, surface and undersea.

To learn more about Raytheon’s Common Ground Control System, stop by our booth in the U.S. Pavilion, Stand 03-A06, or visit Raytheon.com.