Kratos Dramatically Reduces Complexity of Ground Systems for Small Satellites With quantumGND

quantumGND is a Full-Function, Low Cost, Low Risk Ground System Designed for Small Satellites

SAN DIEGO, Aug. 06, 2015 (GLOBE NEWSWIRE) -- Kratos Defense & Security Solutions, Inc. (Nasdaq:KTOS), a leading National Security Solutions provider, today introduced quantumGND, the first complete C2 to RF ground systems package specifically designed to meet the unique requirements of the small sat community.

Pre-integrated, affordable and easy-to-use, quantumGND is a full-function, out-of-the box ground system solution for small satellites. Including everything from the C2 system through the ground network and ground modem, quantumGND lets operators focus on their mission and payload instead of building their own C2 and RF signal processing capabilities.

quantumGND is comprised of three pre-integrated components. quantumCMD provides C2 for a single small satellite up to a small sat fleet. qFEP and qRADIO (manufactured by Kratos subsidiary RT Logic) provide the baseband processing functions required between the C2 system and the antenna. Together, these components deliver a virtual machine architecture that features plug-and-play design for simplified setup, automation tools for lights-out operation and complete situational awareness in one dashboard.

"Like large, traditional satellites, small sats require command and control software, data processing, networking and RF signal processing. What they don't necessarily require is the same degree of complexity and added cost of traditional ground systems designed for large satellites," said Matt Prechtel, Business Area Director for Small Satellites. "Leveraging Kratos' extensive experience in RF signal processing and command and control, quantumGND is modular and extensible, a ready to use ground system solution for small satellites."

"The growth of the small sat industry is being driven by advances in design, manufacturing and launch technologies that have reduced satellite size, production time and launch costs by orders of magnitude. quantumGND brings the same cost and time reductions to small sat C2 and RF signal processing," said Stuart Daughtridge, Vice President of Advanced Technologies at Kratos.

While designed to bring maximum value as a turnkey system, quantumGND's modular components can be purchased separately by small satellite operators with existing C2 or RF ground system elements.


About Kratos Defense & Security Solutions

Kratos Defense & Security Solutions, Inc. (Nasdaq:KTOS) is a specialized Technology Company providing mission critical products, solutions and services for United States National Security. Kratos’ core capabilities are sophisticated engineering, manufacturing and system integration offerings for National Security platforms and programs. Kratos’ areas of expertise include Command, Control, Communications, Computing, Combat and Intelligence, Surveillance and Reconnaissance (C5ISR) systems, satellite communications, electronic warfare, unmanned systems, hypersonic systems, directed and high power energy systems, electromagnetic railgun, missile defense, cyber warfare, cybersecurity, information assurance, and critical infrastructure security. Kratos has primarily an engineering and technically oriented work force of approximately 3,500. Substantially all of Kratos' work is performed on a military base, in a secure facility or at a critical infrastructure location. Kratos’ primary end customers are National Security related agencies. News and information are available at [www.KratosDefense.com](http://www.KratosDefense.com).

Notice Regarding Forward-Looking Statements

Certain statements in this press release may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements are made on the basis of the current beliefs, expectations and assumptions of the management of Kratos and are subject to significant risks and uncertainty, including risks related to product failure, general economic conditions and cutbacks in spending. Investors are cautioned not to place undue
reliance on any such forward-looking statements. All such forward-looking statements speak only as of the date they are made, and Kratos undertakes no obligation to update or revise these statements, whether as a result of new information, future events or otherwise. For a further discussion of risks and uncertainties that could cause actual results to differ from those expressed in these forward-looking statements, as well as risks relating to the business of Kratos in general, see the risk disclosures in the Annual Report on Form 10-K of Kratos for the year ended December 28, 2014, and in subsequent reports on Forms 10-Q and 8-K and other filings made with the SEC by Kratos.

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