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## **Kratos' SpectralNet® Release 1.2 Optimizes Antenna Utilization With Automated Site Diversity**

***Enables Seamless Switching Between Antennas with No Loss of Data and No Distance Limitations Between Teleports or Antennas***

SAN DIEGO, Sept. 07, 2016 (GLOBE NEWSWIRE) -- Kratos Defense & Security Solutions, Inc. (Nasdaq:KTOS), a leading National Security Solutions provider, today announced the release of SpectralNet 1.2 with Automated Site Diversity functionality, enabling satellite and network operators to locate backup antennas in optimal and cost effective locations and to seamlessly switch between antennas without impacting a network's Quality of Service (QoS).

SpectralNet digitizes RF signals for packetized transport over IP networks— preserving both frequency and timing characteristics without degradation or loss of data— and uniquely restores the RF signals at their destination. Prior to SpectralNet, the transport of RF signals was limited to approximately 75 kilometers, severely constraining satellite ground system architecture by requiring teleports and antennas to be in close proximity. Since SpectralNet digitizes RF signals for transport over IP networks, antenna placement is no longer subject to the distance limitations of traditional RF transport technologies.

Automated site diversity is an enhancement in SpectralNet Release 1.2. When satellite or network operators must switch from one antenna to another for factors such as rain fade, equipment or network failure, or other events that can compromise performance, the switchover can be difficult and potentially cause loss of data in the process. SpectralNet's Automated Site Diversity application provides seamless switching between geographically dispersed antennas with no effect on downstream services, thereby optimizing antenna utilization, minimizing data loss and maintaining QoS. The Site Diversity application continuously aligns the two RF signals (from the primary and remote antennas) in both time and frequency, compensating for timing changes caused by satellite movement and network changes— all within a few nanoseconds. Set-up and control of the site diversity application is easily accomplished from a single user interface.

David Soderholm, SpectralNet Product Manager, explains that, "In addition to automated site diversity, SpectralNet Release 1.2 opens up new operational enhancements for network operators. These include mitigation of rain fade, new backup and disaster recovery strategies and ground system centralization just to name a few."

For more information on SpectralNet, please visit: <http://www.kratosnetworks.com/products/rf-transport>

### **About Kratos Defense & Security Solutions**

Kratos Defense & Security Solutions, Inc. (Nasdaq:KTOS) is a mid-tier government contractor at the forefront of the Department of Defense's Third Offset Strategy. Kratos is a leading technology, intellectual property and proprietary product and solution company focused on the United States and its allies' national security. Kratos is the industry leader in high performance unmanned aerial drone target systems used to test weapon systems and to train the warfighter, and is a provider of high performance unmanned combat aerial systems for force multiplication and amplification. Kratos is also an industry leader in satellite communications, microwave electronics, cyber security/warfare, missile defense and combat systems. Kratos has primarily an engineering and technically oriented work force of approximately 2,800. 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. 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. Although Kratos believes that the expectations reflected in these forward-looking statements are reasonable, these statements involve many risks and uncertainties that may cause actual results to differ materially from what may be expressed or implied in these forward-looking statements. 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 27, 2015, and in subsequent reports on Forms 10-Q and 8-K and other filings made with the SEC by Kratos.

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