

NEWS

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Acquiring, Processing and Managing the World's Data.

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Naval Air Warfare Center Awards DSPCon Phase I Small Business Innovation Research (SBIR) Grant to Optimize Real-time Data Collection and Feature Extraction in Hyper-spectral Cameras Utilized in Unmanned Aerial Systems

BRIDGEWATER, NJ, March 24, 2009 – [DSPCon](http://www.dspcon.com), Inc., a leading, global supplier of data acquisition, analysis, archiving and recording solutions for high-value military, aerospace and rotating machinery applications, today announced that it has received a SBIR grant from the Naval Air Warfare Center. The \$80,000 grant will support development of a small, highly-efficient data acquisition and analysis system for recording full mission and event data as well as extracting pertinent "seen" information for transmission over limited bandwidths to ground-based control centers. The award is the Company's second SBIR grant within the last 12 months.

Hyper-spectral camera technology resolves any image chosen for analysis into many narrow spectral bands. When utilized in unmanned aerial systems, the technology is viewed as advantageous in supporting a number of next-generation military and commercial applications such as faster, more thorough detection of land- and coastal-based mines, expanded perimeter investigation of enemy personnel and ordnance location over challenging topographies, and improved agricultural and crop management in terms of soil and moisture and analysis. DSPCon's data acquisition and analysis system will be used in conjunction with hyper-spectral cameras to facilitate improved, real-time collection, analysis and subsequent transmission of relevant data to ground-based mission control centers.

"This latest SBIR award speaks volumes about our ability to consistently develop technologies that are at the leading-edge of innovation," said Al Brower, president and chief executive officer of DSPCon, Inc. "It validates our unique approach to [data acquisition and analysis](#) and will enable us to explore new applications for our technology."

About DSPCon:

New Jersey-based DSPCon is a leading systems integrator and full-service solution provider of high-bandwidth, high-performance data acquisition, analysis and archiving systems for governmental agencies and commercial enterprises in the military, defense, aerospace, avionics, machinery, manufacturing and telecommunications industries. Certified to ISO9001:2000 quality standards, DSPCon solutions empower organizations to streamline test and development cycles and improve operational and production efficiencies by slashing the time between data acquisition and processed analytical results.

Today, DSPCon products and services support a wide variety of mission-critical signal processing applications including acoustic, vibration, shock and rotating machinery analysis, sonar and radar processing, digital data recording and jet engine testing. With hundreds of deployed solutions and over a decade and a half of experience in digital signal processing, systems integration and software development, DSPCon continues to be at the forefront in meeting the unique data acquisition needs of world-class organizations such as Pratt & Whitney, NASA, Honeywell and General Dynamics. For additional information on DSPCon, please visit: www.dspcon.com.

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