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## **Baron Services Installs First NEXRAD Dual-Polarization Upgrade for NOAA's National Weather Service**

**July 15, 2009 – HUNTSVILLE, AL** – Baron Services, in partnership with L-3 Enterprise IT Solutions (EITS), announced today that the EITS/Baron Services team has installed the first of the U.S. National Weather Services' (NWS) 171 NEXRAD upgrades in Norman, Okla. A culmination of the team's 12-month design phase and the successful completion of the Critical Design Review last October, this prototype will serve as a test bed for rigorous hardware and software trials until May 2010.

“Not only will this installation demonstrate successful proof of design, but also, it is a prime example of the strategic partnerships Baron Services has created with the National Weather Service and our teammate L-3 Enterprise IT Solutions,” said Bob Baron, President and CEO of Baron Services. “Though the installation is a huge accomplishment, we understand the greater magnitude of this project, and the team is focused on meeting our customer's requirements.”

The EITS/Baron team was awarded the five-year NEXRAD contract in October 2007, and is providing design, development, and production of a comprehensive, system-wide upgrade of the 171 NWS, Federal Aviation Administration (FAA) and Department of Defense (DOD) NEXRAD radars to dual-polarization. Awarded based on the best technological solution and overall value, the contract's implementation will vastly improve forecasting for critical weather events, such as flashfloods, in the future.

Unlike conventional systems that transmit only a horizontal scan, dual-polarization radars emit both vertically and horizontally polarized beams. Through use of hydrometeor classification for identifying locations and types of precipitation, dual-polarization radars deliver larger amounts of more accurate information concerning the size, shape, orientation, and state of hydrological data. This information provides forecasting professionals the ability to identify precipitation events of interest for the United States – and the world – more precisely than ever before.

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**About L-3 Enterprise IT Solutions**

L-3 Enterprise IT Solutions (EITS) is a division of L-3 Communications, a \$15 billion contractor with approximately 65,000 employees worldwide. The work EITS performs includes professional management services and enterprise information technology solutions. EITS has successfully served government agencies, state and local governments, and commercial enterprises with a broad range of services and solutions for more than 30 years. Its success stems from its standards-based processes, its adoption of an enterprise-wide quality management system, and its strength in project management. For more information, please visit the EITS web site at [www.L-3com.com/EITS](http://www.L-3com.com/EITS).

**About Baron Services**

**Baron Services** owns numerous weather technology patents. The company delivers advanced forecast modeling, mobile weather analysis, cutting-edge radar systems, and localized weather displays. Operating primarily from Huntsville, Alabama, with offices in Oklahoma, North Carolina and Florida, Baron Services includes five specialized divisions that continue to advance the weather industry by providing systems engineered to save both lives and property. The company has, to date, installed all broadcast dual-polarization radars in the world.