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BARON DEBUTS NEW CAPABILITY IN OMNI, ENABLES BETTER STORM INTERROGATION

April 20, 2009 – HUNTSVILLE, AL – Baron Services, a leading weather technology company, announced today that it has added volumetric radar imaging as a new capability in its Omni weather platform, enabling the user to view storms in three dimensions, similar to a CAT scan or MRI. Often used for storm interrogation and hail detection, volumetric radar imaging takes all available radar elevation scans and creates a 3D illustration of the storm, which displays storm features like high reflectivity returns, updrafts, downdrafts, hail cores and rotation in ultra-precise detail, resulting in better viewer response.

“With volumetric radar imaging, our customers can actually see the density, height and breadth of any given storm in vivid high definition,” said Bob Baron, president and CEO of Baron Services. “This new feature makes Omni an ideal platform for year-round weather coverage. Two major benefits are the detection of hail cores and the ability to see the upper level layers of the atmosphere because both are great indicators of storm severity and something the viewers can really relate to.”

When used in conjunction with dual-polarization radar, volumetric radar imaging enables stations to see an even higher level of storm detail including the 3D representation of hydrometeors like rain, sleet or snow in the atmosphere by altitude, a huge advantage during local weather coverage. Part of the team responsible for upgrading the entire NEXRAD network to dual-polarization, Baron Services has seen the benefits of dual-

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polarization and maximizes its latest radar technology with the release of volumetric radar imaging in its Omni weather platform.

A visualization tool that enables viewers to better understand storm complexity, Omni's volumetric radar imaging capability takes radar elevation scans and transforms them into eye-popping three-dimensional figures. The feature not only shows hail cores, but it also accurately displays storm boil-up and the spawning of funnel clouds, improving the stations ability to more accurately cover local severe weather events. By dropping the lowest reflectivity levels from the display, the user can identify specific storm characteristics in crystal-clear HD and can alert viewers frequently as the weather system develops.

Omni's blend of 3D terrain and superimposed mapping results in a relevant, accurate localized picture of the weather as it is actually occurring. Data-driven animations, 3D models and high-resolution mapping are only part of what makes Omni unique. The weather platform also contains patented high-definition data products, aerial mapping, nationwide and worldwide topography, ocean depth mapping, political boundaries, an earth halo effect and more in a completely renderless environment.

Baron Services created the first street-level storm tracking system in 1992. Since then, the company has continued to develop products engineered to save both lives and property. Baron simplifies the science of weather to produce easy to understand visuals. Other notable Baron products include VIPIR, FasTrac, StormWarn and dual-polarization radar.

To learn more about Baron Services, please visit www.baronservices.com.

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About Baron Services

Baron Services owns numerous weather technology patents. Through its partnership with L-3 Communications, the company is part of the team that was awarded a five-year contract from NOAA's National Weather Service (NWS) to provide design, development and production for a comprehensive system-wide upgrade of the 171 NWS, Federal Aviation Administration (FAA) and Department of Defense (DOD) NEXRAD radars. In addition, 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.