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## **TORNADOES CAN'T HIDE FROM VIPIR 5.0**

*Free Upgrade with 8 New Tools Makes System Faster, Easier to Use*

**January 17, 2008 HUNTSVILLE, AL** – VIPIR 5.0, Baron Services' latest release of its leading 3D display and storm tracking system, features patent-pending tornado detection technology, dual-polarimetric radar integration and other valuable enhancements that make the system faster and easier to use. "Our customers have a lot of good advice on how to make our products better," said Bob Baron, president and CEO of Baron Services. "We love to hear their ideas and work very hard to update the products with the tools they need. This latest VIPIR release is one more example of how we continuously make our products work better for our customers," he said.

### ***Baron Tornado Index™ (BTI)***

Founded 17 years ago with a mission to develop life-saving weather tools, Baron Services continues to build on that heritage with the debut of the Baron Tornado Index™. The Baron Tornado Index or BTI is a ranking on a scale of 0-10 used to gauge the likelihood of a tornado in any given storm. As the BTI increases, the potential for a tornado within that storm goes up. Using proprietary algorithms combined with high-resolution radar data and the most advanced mesoscale models available, the Baron Tornado Index provides an easy, one-glance diagnosis for a storm's tornadic potential.

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### ***Dual Polarimetric Radar Integration with Hydrometeor Classification***

Baron Services continues to lead the next generation of Doppler capability – dual polarization. Unlike conventional radar systems, which transmit solely a horizontal scan, Baron’s dual-polarimetric radars send out both vertical and horizontal polarized beams, and enable meteorologists to see twice as much data than they can with systems not employing this technique. Because dual-polarimetric radars use hydrometeor classification to identify the location and type of precipitation that is falling, they provide more accurate information about the size, shape, orientation and state of hydrological data. This enables forecasting with them to be highly precise. For the first time, VIPIR 5.0 incorporates this revolutionary radar data in real-time 3D.

Baron Services is pleased to include other free VIPIR 5.0 updates including:

### **SCIT and Earthquake Enhancements with Simplified Alert Bar**

Weather teams now have the ability to take an earthquake sequence on the air right when it happens using the new Earthquake Enhancement tool, located on the Alert Bar.

### **Freeform Shapes**

Users can now draw free-hand colored shapes to illustrate areas of heavy rain, thunderstorms, or even winter weather. Add the shapes to the VIPIR timeline and animate the shapes with ease.

### **SatRad Composite**

This data product provides a seamless composite of nationwide radar with CONUS satellite imagery at the touch of a button.

### **WeatherBuilder™ Enhancements**

WeatherBuilder makes show creation faster and more effective by enabling automatic placement of headers and background graphics, and streamlining the way live weather shows are created.

## **BAMS Model Precipitation Mask**

This forecast data model extends 96 hours out and new models run three times a day.

Distinguishing between areas of rain and winter precipitation, the precipitation rate data provides an extremely accurate forecast.

Baron's latest VIPIR release, VIPIR 5.0, is free to existing support and maintenance customers and can be easily downloaded at <http://support.baronservices.com>.

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## **About Baron Services**

Baron Services is a pioneer in sophisticated weather analysis and technology and a globally recognized industry leader in delivering technology for the communication of significant weather events. It offers a wide range of weather solutions and owns numerous weather technology patents. The company delivers cutting-edge radar systems, advanced forecast modeling, mobile weather analysis 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-polarimetric radars in the world.