BARON
Weather Solutions

The Only Complete Weather Company

NEWS RELEASE
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BARON SERVICES UNVEILS PULSAR, A REVOLUTIONARY RADAR

April 24 2006, Las Vegas, NV - Baron Services unveiled Pulsar, a uniquely innovative solid-state radar solution, at the 2006 National Association of Broadcasters convention. This revolutionary radar delivers sophisticated performance and increased storm detail. Pulsar delivers to the marketplace a series of firsts: the first 250 Watt C-Band Doppler radar, the first broadcast solid-state radar with pulse compression, and the first multi-state amplifier in a broadcast radar.

Pulsar is the latest innovative radar technology that will save time, money, and lives.

- High-Definition data (256 Color Levels and 3000 Range Bins)
- SmartPower™ technology
- Built-in Doppler processing
- Pulse Compression down to the microsecond

Pulsar is the first and highest-resolution broadcast radar to offer built-in redundancy through four solid-state amplifiers equipped with Baron SmartPower™ technology. The four amplifiers are continually pulsing energy, so if one of the units is knocked out of service, the system automatically recalibrates to continue working without any interruption. Pulsar's innovative engineering makes it the first solid-state radar to have extensive lightening protection. This protection comes in the form of surge protectors,

an uninterrupted power supply and fiber optic lines, all working together to make the radar lightning-immune.

Another unique quality to Pulsar is the built-in Doppler processing with true velocity data, allowing meteorologists to see wind direction and speed right in the radar display. That makes the potential for spotting tornadic activity easier and gives viewers more warning time to get to safety.

Instead of waiting every five minutes for the lowest level of the atmosphere to update, with Pulsar, you can update your viewers every 20 seconds. Instead of showing 1000 meter data from Level II, Pulsar can produce 150 meters, delivering nearly ten times higher resolution.

Maintaining this system is easy because meteorologists have remote control of the radar in the weather center, which means reduced trips to the radar site and increased operational control. Also, Pulsar's weatherproof enclosure eliminates the need for a building and can be placed on the ground or on the tower's work platform to make it safe from the outside elements. The encloure also prevents electromagnetic interference (EMI) with other nearby radio sources.

Stations with older radars can benefit from 10 years' work of new radar technology, capabilities they have been waiting for. Pulsar can adapt to many stations' current radar situations. From an upgrade of an older low power radar to installation of a brand new arsenal of radars, Baron Services can fit a station's needs. The high-performance capabilities provide an extremely affordable solution for stations seeking a sophisticated live radar.

Note: This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained.

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About Baron Services

Baron Services is the Only Complete Weather Company, providing full-service weather technologies for a variety of industries. The company's broadcast division specializes in viewer-friendly weather displays for the High-Def Era, including daily forecast graphics, storm tracking, localized forecast data, live Doppler radar and community-oriented systems like remote sensors. Baron's consumer-driven weather systems deliver relevant information in simplified displays while requiring minimal interpretation on the part of the viewer.

Baron Services operates out of Huntsville, Alabama with auxiliary offices in Oklahoma, North Carolina and Florida. Its multiple divisions focus on broadcast television, public safety, government and industry, as well as satellite-delivered weather data for mobile environments. The company's numerous patents make it a continued leader in the communication of significant weather events.