



## Ascension Recognized for Medical Developments Along with Research Giants: IBM, NASA, Intel, and Siemens

### **3D Guidance Tracker Named One of Top 100 New Products of the Year**

**BURLINGTON, VERMONT; July 22, 2010:** Ascension Technology's *3D Guidance System for Image-guided Navigation* has been awarded the **2010 R&D 100 Award** for its contributions to medical research. Each year since 1962, *R&D Magazine* has named "the 100 most technologically significant products to reach the marketplace in the past year."

Ascension is in illustrious company this year with IBM, Intel, Siemens, MIT, and NASA among the recipients. Jack Scully, Ascension's Vice-President states: "This R&D 100 award is a important honor for Ascension. We are proud our breakthrough work in medicine is being recognized alongside major leaders in the field."



**Ascension's award-winning 0.56 mm sensor easily passes through the eye of a needle. It is designed to guide 20-21 gauge needles for fine needle biopsy and vascular access.**

Ascension's *3D Guidance System for Image-guided Navigation* will play a fundamental role in improving the delivery of medical therapies while helping control spiraling costs. *3D Guidance's* miniaturized sensors fit into the tip of medical instruments for non-radiating navigation to internal targets (tumors, lesions, anomalies) for diagnostic and therapeutic purposes.

The company's recent inventions of the world's smallest six degrees-of-freedom sensors -- 0.9 mm and 0.56 mm in diameter -- were key factors in the award. The sensors establish trajectory and navigate ultrathin biopsy needles (as small as 21 gauge), ablation probes, guide wires, and catheters through tissue to the center of anatomical targets.

The R&D 100 Awards are considered a “benchmark of excellence” for diverse industries, including telecommunications, high-energy physics, software, manufacturing, and biotechnology. Rita Peters, editorial director of *R&D Magazine*, states: “The R&D 100 Awards represent some of the most innovative concepts to reach the marketplace in the past year. 2010 is no exception, and we had a particularly strong field of entries for the judges to evaluate.”

A full list of winners of the 48<sup>th</sup> Annual R&D 100 Annual Awards is available at [www.rdmag.com](http://www.rdmag.com).

Winners will be recognized at the R&D 100 Awards Banquet on Nov. 11, 2010, in Orlando, Florida. Ascension’s Westley Ashe, Senior Design Engineer will represent Ascension at the award ceremonies.

**R&D Magazine** serves research scientists, engineers and technical staff at laboratories around the world. Its mission is to provide news and technical articles that broaden readers’ knowledge of the research and development industry to help improve the quality of their work.

**Ascension Technology Corporation**, based in Milton, Vermont, is the acknowledged technical leader in magnetic tracking solutions for minimally invasive surgery. Its miniaturized sensors are key enabling technologies for emerging image-guided procedures. See [www.ascension-tech.com](http://www.ascension-tech.com) for more information.

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