

## **MEDIA RELEASE**

### **Calgary Scientific announces ResolutionMD™ Cardiac**

*Product to provide significant increase in functionality while providing great cost-saving benefits*

**Calgary, AB – November 30, 2008** – Calgary Scientific Inc., a leading innovator in enterprise advanced visualization solutions, announces ResolutionMD Cardiac, a suite of clinical modules for viewing and analyzing cardiac CT and MR images, to be available in early 2009. ResolutionMD Cardiac is the industry's first single unified system for CT and MR studies for use by radiologists, cardiac radiologists and cardiologists in the screening and diagnosing of cardiac disease. The modules included in this comprehensive suite are Calcium Scoring, Coronary Analysis, and Ventricular Function. The product can be delivered through the ResolutionMD Web advanced visualization platform or seamlessly integrated within a PACS using the ResolutionMD SDK.

ResolutionMD Cardiac allows imaging professionals to perform both anatomical and functional analysis using both CT and MR images in a unified and intuitive workflow. By providing access on a web platform or integrated with PACS, the suite significantly extends the reach of powerful cardiac tools beyond traditional proprietary workstations. The suite allows flexible access to the tools where clinicians want to use them and reduces costs associated with high-end hardware. Powerful automated tools and reporting makes completing a study more efficient, while the harmonized user interface for both CT and MR reduces the time and cost associated with learning and using multiple systems.

"A single system with a common interface for CT and MR, like Calgary Scientific's ResolutionMD Cardiac, will provide significant benefits in terms of usability, time and cost savings," says Dr. Naeem Merchant, Cardiac Radiologist at Foothills Hospital in Calgary, Alberta.

"This is a product the medical community asked us to develop and we are confident ResolutionMD Cardiac has all of the functionality and flexibility required by imaging professionals to improve workflow efficiency and allow for greater accessibility," says Byron Osing, CEO and Chair at Calgary Scientific. "The introduction of this product signifies that Calgary Scientific is serious about building robust products that will function seamlessly in the virtual medical community."

#### **About ResolutionMD Cardiac Modules**

##### **Calcium Scoring**

This module is used to quantify calcium in the coronary arteries as a predictive tool for future coronary events, such as a heart attack. It uses non-contrast-enhanced cardiac CT images. Some of the features will include single-click Agatston scoring, calcium pre-highlighting, and customizable reports that allow you to meet the needs of your practice.

##### **Coronary Analysis**

This module is used to visually inspect and quantify stenoses in the coronary arteries. MIP/MPR, 3D, curved MPR, and cross-sectional images enable flexible evaluation of arteries. Some of the features include automated centerlining

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that allows for efficient inspection of arteries in curved MPRs, heart segmentation, and centerline editing for getting through difficult stenoses.

### **Ventricular Function**

This module is used for the analysis of cardiac function using CT and MR images. Fully automated left ventricle segmentation provides rapid access to ejection fraction, stroke volume, and other metrics. Additional MR tools include flow analysis and tissue viability analysis, providing a complete dual-modality evaluation within a single module.

### **About Calgary Scientific Inc.**

Calgary Scientific is dedicated to providing advanced visualization solutions for medical imaging that improves the efficiency and quality of diagnosis made by imaging professionals. Calgary Scientific has a powerful portfolio of products that perform sophisticated image post-processing, including tools for 2D, MIP/MPR and 3D, a suite of cardiac modules for both CT and MR, and vessel analysis. Calgary Scientific also has proprietary intellectual property for image fusion, virtual colonoscopy and Computer Assisted Tissue Identification (CATI™). Calgary Scientific aims to be the premier provider of advanced visualization solutions in the medical imaging market. For more information on Calgary Scientific, go to [www.calgaryscientific.com](http://www.calgaryscientific.com).

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