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FOR IMMEDIATE RELEASE

## **News Update: FDA clears Segasist Prostate Auto-Contouring Software**

Toronto (ON) October 19, 2011 – Segasist Technologies, a Canadian software company developing next-generation image contouring platforms for biomedical applications, is delighted to announce that it has received U.S. Food and Drug Administration (FDA) 510(k) clearance for its Prostate Auto-Contouring software ‘Segasist P-AC’.

Segasist P-AC is a software tool developed for the purpose of segmenting MR, CT and Ultrasound images of the prostate gland for diagnostic and treatment-planning purposes. It can be trained by individual clinicians to accurately and quickly process prostate images, including fast slice-by-slice auto-contouring and volumetric calculations. The software was externally validated at the London Health Sciences Centre (London, Ontario). Experts from the Sunnybrook Research Institute and Sunnybrook Health Sciences Centre (Toronto, Ontario) also participated in the validation process by providing input in the form of gold standard contours.

“Segasist P-AC is our first product to receive clearance from the FDA,” says Hamid Tizhoosh, CEO of Segasist Technologies. “This is a tremendous encouragement for us to continue the product development, especially after the overwhelmingly positive feedback we recently received at ASTRO 2011 regarding our new product Reconcillio™, which uses the same engine as embedded in Segasist P-AC.”

The current version of Segasist P-AC is a complete segmentation solution with the capability of adjusting the contouring process for prostate delineation in any modality. It can improve the segmentation result by adjusting its contouring techniques using images previously marked by the clinician. That gives the clinical expert the opportunity to use his own markings to train the software, even though the software can also be delivered pre-trained.

“We are already developing new versions of P-AC enriched with more valuable and exciting features and functionalities” adds Hamid Tizhoosh, “DICOM-RT capabilities, a variety of visualization schemes, more comprehensive editing tools, unlimited number of contours per slice, and, of course, faster and even better segmentation. Our ultimate goal is to exploit the potential of the Segasist Engine. Segasist P-AC is just the beginning. Our newest product, Reconcillio, with its unrivaled capability of computational consensus building will help to drastically change the meaning of quality assurance in the contouring of medical images.”

Segasist Technologies would like to thank all our partners, advisors and friends, who have continuously supported us in achieving this first and significant milestone.

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