



Scientific Solutions, Inc.

55 Middlesex Street, Unit 210
North Chelmsford, MA 01863-1561
(978) 251-4554 Voice
(978) 251-8822 Fax
www.sci-sol.com

Contact: Michael Dorin, Director of Sales and Marketing, (978) 251-4554 x7019, dorin@sci-sol.com

--- For Immediate Release ---

Press Release

SSI wins R&D100 Award for Segmented Tunable Filter

North Chelmsford, MA (July 20, 2009) - Scientific Solutions, Inc. (SSI) is honored to receive a prestigious R&D100 Award for its new Segmented Tunable Filter. Winners of the R&D100 Awards are selected by an independent judging panel and the editors of *R&D Magazine*. Described as "the Oscars of Invention" by The Chicago Tribune, the prestigious R&D 100 Awards have been recognizing excellence in innovation for 42 years. These awards salute the 100 most technologically significant products introduced into the marketplace over the past year.

SSI's Segmented Tunable Filter is a core, enabling product that dynamically sorts light into multiple discreet narrow spectral bands. Based upon Fabry-Perot technology, this next-generation electro-optical filter is an innovation capable of simultaneously collecting spatial and spectral information while providing high spectral resolution and rapid tuning. The number of independently and simultaneously tunable segments on a single substrate, as well as their size, area, and shape are arbitrary. This patented technology is intended for use as the key dispersive element in hybrid multi-spectral imaging systems and can be used to create imagers capable of generating small but dense spectral data cubes of very narrow bandwidth images. The Segmented Tunable Filter is an extension of SSI's award-winning Liquid-Crystal Fabry-Perot (LCFP) tunable filter. Like the LCFP, SSI's Segmented Tunable Filter is mechanically stable with a robust, space-qualified design.

Development of SSI's Segmented Tunable Filter was made possible through a Phase II Small Business Innovation Research (SBIR) award by the United States Missile Defense Agency (MDA).

About Scientific Solutions, Inc.

Scientific Solutions, Inc. (SSI) specializes in the fabrication of both classic Air-Gap Fabry-Perot Interferometers and next-generation Liquid Crystal Fabry-Perot (LCFP) tunable optical filters. In addition to its award-winning products, SSI provides a range of engineering services including optical system design and optical coating design.

About R&D Magazine

Since its founding in 1959 as *Industrial Research*, *R&D Magazine* has served research scientists, engineers and technical staff at laboratories around the world, providing timely, informative news and useful technical articles that broaden readers' knowledge of the research and development industry and improve the quality of their work. *R&D Magazine* is a publication of Advantage Business Media (www.advantagebusinessmedia.com).