

NEWS RELEASE

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For Immediate Release

DSI Expands Optical Coating Services in the Infrared Spectrum

June 12, 2007 – Santa Rosa, CA – Deposition Sciences, Inc. (DSI), manufacturer of highly durable thin film optical coatings, offers coatings that operate in the 3 to 5 micron and the 8 to 12 micron infrared (IR) spectral regions. These specialized coatings for high performance in the IR spectrum are ideal for many sophisticated military, aerospace and industrial tasks that require robust coating solutions.



DSI has developed a variety of coating types within these two wavelength regions, including AR (antireflection), high reflectors, beam splitters, dichroic coatings and band pass filters. The coatings are stable, extremely durable, and meet

or surpass the strict standards of most military applications, including missile seeker head requirements.

The various thin film coatings can be applied onto many diverse substrates using DSI's specialized coating processes. Substrate materials include sapphire, silicon, germanium, zinc sulfide, zinc selenide, assorted metals and ceramics, as well as most glass types compatible with the extended infrared spectral region.

Beyond manufacturing IR coatings, DSI has an extensive array of in-house test and measurement capabilities. The DoD accredited facility can provide spectral measurement testing (including cryogenic), environmental and physical testing, allowing DSI to rigorously characterize and test the thin film filters per customer specifications.

DSI's proprietary **MicroDyn®** sputtering technology yields high performance, highly durable optical coatings. The precision, uniform coatings are extremely stable over temperature and humidity changes, meeting or exceeding many of the established military and aerospace standards.

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Deposition Sciences, Inc. (DSI) – Santa Rosa, CA – www.depisci.com - For over 20 years, Deposition Sciences has produced the most durable optical thin film filter coatings in the industry. DSI's coating capability ranges from the ultraviolet (UV), through the visible and includes near-

infrared (NIR), midwave-infrared (MWIR) and out to the longwave-infrared (LWIR). At the heart of these capabilities is DSI's patented MicroDyn reactive sputtering technology enabling superior multilayer thin film coatings for optics, MEMS and other thin film technologies.