

# NEWS RELEASE

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*For Immediate Release*

## **DSI Introduces Transparent Conductive Coatings with EMI Shielding**

**October 30, 2008 – Santa Rosa, CA – Deposition Sciences, Inc. (DSI)**, a leading manufacturer of highly durable, optical thin film coatings introduces the newest member in the **Transparent Conductive Optical Coatings** family. DSI has developed a unique method to coat the transparent conductive coatings as a cap layer over a dielectric stack. This allows a single element or material to perform the dual functions of light filtering and EMI shielding. The new transparent conductive coatings are designed for maximum conductivity and can be applied to flat sheet stock or precision optics. Operating in the visible through the infrared spectrum, the new coatings feature high transmission between 450 nm and 1100 nm.



Compatible with DSI's dichroic filter technology, the highly durable coatings are enabled by DSI's patented **Microdyn®** sputtering technology. This proprietary coating process yields high performance, highly uniform transparent conductive filters that remain extremely stable, withstanding high thermal loads and changes in humidity.

DSI's new light filtering, transparent conductive coatings are ideal for use in unmanned aircraft system payloads and other thin film applications that require reliable, EMI shielding. For more information, please go to: [www.depisci.com](http://www.depisci.com) or visit DSI at the Technology Training Corporation exhibition in San Diego, CA from Nov. 19 – 20, 2008.

DSI also offers an extensive array of in-house metrology and environmental analysis equipment for product characterization and testing for coatings. These test and measurement capabilities assure quality that meets or surpasses many of the military standards for high performance and coating durability in extreme conditions.

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**Deposition Sciences, Inc. (DSI) – Santa Rosa, CA – [www.depisci.com](http://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.