

NEWS RELEASE

Deposition Sciences, Inc. (DSI®)
3300 Coffey Lane
Santa Rosa, CA 95403
Contact: Carol Lueck
Phone: 707-573-6747
Fax: 707-573-6748
Email: Solutions@depisci.com
Web Site: www.depisci.com

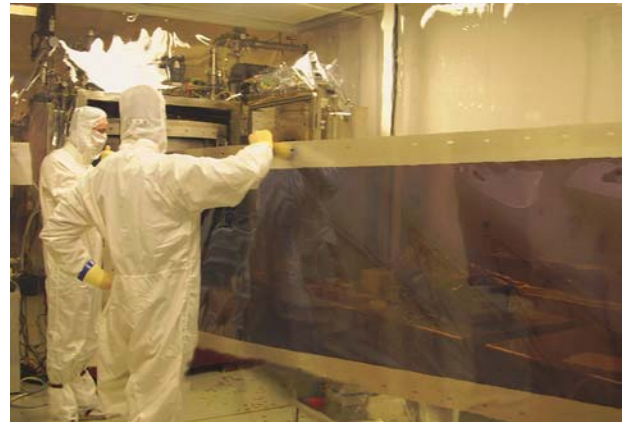
Media Contact: Marlene Moore
Smith Miller Moore
Phone: 818-708-1704
Email: marlene@smithmillermoore.com

For Immediate Release

DSI® Introduces Sunshade - Thermally Insulating, Broadband Electromagnetic Window for Satellite Systems

- DSI will display the **Sunshade** material for satellite systems at SPIE's DCS, Baltimore Convention Center, Baltimore, Maryland, April 19 - 21, 2016 in booth #336.

SANTA ROSA, CA – March 15, 2016 – Deposition Sciences, Inc. (DSI®) introduces **Sunshade** material, a thermally insulating, broadband electromagnetic window for satellite systems. Extremely lightweight, flexible, and conformable, the film is specially designed to protect satellites from solar radiation. The material is available in large format, covering areas up to 2.5 ft. x 10 ft. It controls temperatures passively and it can transmit high-speed data (RF transparent) and also allows the static charge to bleed off.



The unique electromagnetic thin film solution for satellite systems is manufactured with non-metallic coatings and has no laser ablation or patterning. The coating is tailorable for front and back surfaces to provide stress balance and emissivity control.

DSI's Sunshade material provides RF transparency at all frequencies below 18 GHz, allowing 99.4% of the energy to pass through. It reflects <-25dB at all frequencies below 18 GHz and <-30dB at all frequencies below 8 GHz.

For more information about the innovative Sunshade material from DSI, please visit us at the upcoming SPIE Defense and Commercial Sensing, April 19-21, 2016, Baltimore Convention Center, Baltimore, Maryland, in Deposition Sciences' booth # 336.

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To learn more about DSI's wide array of highly reliable, durable, and heat-resistant optical and electromagnetic coatings, please go to: www.depsci.com or call toll-free 1-866-433-7724 or direct at +1-707-573-6700.

Deposition Sciences, Inc. (DSI) – Santa Rosa, CA – www.depsci.com – Since 1985, Deposition Sciences, a subsidiary of Lockheed Martin, has produced the best quality, highly 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 coating capabilities for optics and other thin film technologies are DSI's patented MicroDyn[®] reactive sputtering technology enabling superior multilayer thin film coatings, and the company's LPCVD method that permits exceptionally conformal optical coatings on complex shapes and sizes.

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