



Warrior Systems

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For Immediate Release

L-3 Applied Optics Center (AOC) Develops Enhanced Gold Coating for Large-Format Substrates

• L-3 AOC will be available to discuss highly reflective metalized optical thin films at booth #2401 Photonics West 2014, Moscone Center, San Francisco, CA, Feb. 4 - 6, 2014.

January 28, 2014 – Dallas, TX – L-3 Applied Optics Center (www.L-3com.com/aoc), part of L-3 Communications (NSE: LLL) Warrior Systems, has developed a new line of enhanced, protected gold optical coatings for deposition on large-format, high-value substrates. The gold thin-film coatings are ideal for deposition on lightweight optical elements for applications where weight and performance are critical design factors, such as terrestrial and airborne imaging systems.

L-3 AOC offers the enhanced gold coatings on optical elements in excess of 350 mm in diameter. Other AOC products in development include highly-specialized reflective metalized films such as protected silver, aluminum, silicon carbide, and a wide range of metal oxides for commercial and military applications.



AOC's new family of reflective coatings can be designed in accordance with specific customer requirements to maximize wavelength-specific performance, from the deep ultraviolet (UV) to the far infrared (IR). In addition, these metallic coatings are designed in accordance with stringent customer requirements for durability and environmental stability.

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Jim Hooker, Director of Business Development for L-3 Communications Applied Optics Center, notes, "We are proud to announce the introduction of this extremely challenging, enhanced gold coating for large-format, strategic imaging applications. This is yet another addition to our increasingly broad line of high-value, precise and highly specialized thin-films for critical commercial and military applications, where optical performance and durability are key design parameters."

Applied Optics Center designs and manufactures a broad array of reflective metalized films for applications where high reflectance and superior durability are required. For more information about AOC's highly-reflective, large-optical-metallic coating capabilities, please visit L-3 AOC's Photonics West booth # 2401 at the Moscone Center, San Francisco, Feb. 4 - 6, 2014, or visit: www.L-3com.com/aoc.

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L-3 Applied Optics Center provides advanced optical solutions and assemblies for commercial, industrial, and defense markets worldwide. Products include thin film coatings, optical assemblies, laser-protection filters, precision-optical assemblies, optical components, large-format optical thin film coatings, index-matched conductive coatings, and rapid component and subassembly prototyping for imaging, machine vision, display, industrial, defense, and aerospace applications.