

# NEWS **Release**



## **ABRISA Technologies**

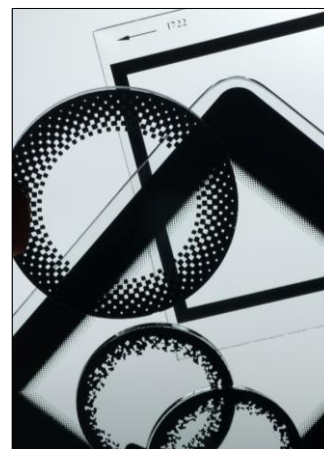
### **Precision Glass Optics**

200 S. Hallock Drive  
Santa Paula, CA 93060  
Contact: Randy Ray, Director, Business Development  
Phone: (877) 622-7472 or (877) 6 ABRISA  
Fax: (805) 525-8604  
E-mail: [rrey@abrisatechnologies.com](mailto:rrey@abrisatechnologies.com) - Web Site: [www.abrisatechnologies.com](http://www.abrisatechnologies.com)

Media Contact: Lori Appel  
**Viewfinders Visual Communications**  
3401 West 5<sup>th</sup> St. #110  
Oxnard, CA 93030  
Phone: (805) 984-4117 ext. 104  
Cell: (805) 312-5873  
[loriappel@viewfindersvisual.com](mailto:loriappel@viewfindersvisual.com)

## **ZC&R Optics & Abrisa Industrial Glass Partner to Produce Display Glass Solutions**

**December 14, 2010 - Santa Paula, CA** – ZC&R Coatings for Optics and Abrisa Industrial Glass, divisions of Abrisa Technologies and global leaders in thin film optical coatings and [glass fabrication](#), have joined forces to produce display glass, LCD glass plates, and overlay and [bus bar](#) printing production solutions for a wide variety of glass substrates. Precision coated indium tin oxide (ITO) and [Index-Matched ITO](#) (IMITO) transparent thin films from ZC&R offer high transmittance and low resistance. Installed in a class 100 clean room, Abrisa Industrial Glass's enhanced Ekra X4 fully-automated printing system delivers sophisticated production printing on glass materials for a variety of industrial and military-grade applications.



High efficiency, [Anti-Reflective coatings](#) (both standard and custom products) are ideal for accurate display glass printing. ZC&R Coatings and Abrisa Industrial Glass's new display glass coating capabilities include precision patterning of durable epoxy-based bus bars and thermoset or ceramic-based inks with 15 micron print-to-print accuracy in sizes up to 460mm x 460 mm.

For rugged environments such as cockpit displays, bonding of connecting wires and flex cable bonding can be provided. Other glass coating solutions include chemical and thermal glass strengthening and the capability to both deposit and/or print bus bars. Precision coatings, intricate and patterned ink frames, and OEM artwork can be custom printed on glass per each customer's exacting specifications.

**About Abrisa Technologies:** [Abrisa Technologies](#) is headquartered in Santa Paula, California, and is comprised of three divisions that provide precision glass optics products and services. The divisions include; Abrisa Industrial Glass, Inc., Sycamore Glass Components, and ZC&R Coatings for Optics. As a market leader in optical coatings and high quality precision glass fabrication, Abrisa Technologies is dedicated to providing premier customer service, cost-effective products that fit each customer's exacting requirements.

**About Abrisa Industrial Glass, Inc:** [Abrisa Industrial Glass](#) is located in Santa Paula, California, is a division of Abrisa Technologies and is a global manufacturer of high quality precision glass products and optical coatings for the defense, display, lighting, imaging systems, medical, and photovoltaic markets. Abrisa Industrial Glass's customized glass fabrication services include glass strengthening and coatings, screen-printing, bus bar, precision machining, cutting and edging, and clean room specialty packaging.

**About ZC&R Coatings for Optics:** [ZC&R Coatings for Optics](#) located in Torrance, California, is a division of Abrisa Technologies, providing high quality precision coatings and components from 200 nm to 20 microns, from UV to the FAR IR; including high power laser coatings at 1.604, 1.54, 1.57, and 10.6 microns. Other available coatings include anti-reflection (AR), beamsplitters, hot and cold mirrors, band pass color filters, heat and color control, ITO and Index-Matched ITO, metal coatings, dielectrics, covert and fluorescence filters. Specializing in prototypes and OEM volumes, ZC&R is a global leader in quality optical thin films.

###