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**SDN™**

SDN™ Technology allows for low-cost, high-throughput nanocomposite multifunctional coatings deposition on almost any substrate.

## **Advenira Enterprises Inc. Introduces Low Cost Glass Diffusion Barrier**

*Nano-composite used as a diffusion barrier also improves glass optical properties, abrasion resistance, and can heal imperfections*

**SUNNYVALE, Calif. –(May 8, 2014)–** Advenira Enterprises Inc., a developer of Solution Derived Nanocomposite (SDN™) coating technology, announced that it has recently completed development of a high performance barrier coating for glass. This key development allows Advenira to enter important strategic glass markets while providing glass customer's higher performance at a lower cost.

Results from the initial testing and evaluation confirm that Advenira's SDN™ coating eliminated diffusion of glass contaminants, improved the glass surface properties, transmission of visible light, and healed previous surface defects while protecting the surface.

Advenira produces a unique liquid coating alternative to the commonly used vacuum (PVD, CVD, ALD, etc.) and non-vacuum (electroplating, CBD, screen- printing, etc.) deposition techniques. The key advantages of SDN™ technology are improved performance at a fraction of a cost; lower capital, operating and material costs while combining high throughput and material utilization. Advenira's low cost approach to coating is free from typical drawbacks and limitations of these other systems. It also allows the company to coat parts of virtually any shape with complex geometries.

"Completing this coating product allows our customers to use low cost glass while getting the high performance previously only available with much higher cost premium glass", said Elmira Ryabova, CEO/CTO of Advenira.

Revolutionizing the traditional liquid-based coating techniques, Advenira developed the nano-composite technology and pushed it to the next level with a family of low-cost, high-volume production coating systems with numerous US and international patents.

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### **About Advenira**

Advenira Enterprises Inc., is a Sunnyvale, CA based company that develops a novel Solution Derived Nanocomposite (SDN™) technology that allows for low-cost/high-throughput multifunctional coatings deposition on practically any type/shape/material substrate. Advenira is commercializing the technology in the Glass, Polycarbonate, Semiconductor and Petrochemical industries with significant advantages over traditional techniques. For more information, visit <http://www.advenira.com>.