

## **Praxair Signs Agreement to Market Innovative Gas Fill Technology for Insulated Glass**

Solon, Ohio, August 30, 2011 – Integrated Automation Systems, Inc., has entered an agreement with Praxair, Inc. (NYSE: PX), to market its breakthrough *OptiGas* gas filling system for insulating glass. The companies have been co-developing the systems for two years.

The patent-pending *OptiGas* system fills insulating glass with krypton, argon or any mix of both. Krypton is a rare gas with excellent thermal insulating properties. Through a proprietary filling process, the *OptiGas* system can reduce krypton consumption by up to 70% per unit and provide analytical verification of gas content for the insulated glass units.

This advanced technology enables window and door companies to reduce their gas costs significantly by eliminating krypton waste.

Praxair and Integrated Automation Systems will be introducing the *OptiGas* filling system in booth 1151 at the GlassBuild America Expo in Atlanta, Ga., September 12 -14, 2011. The booth will feature live demonstrations of the new technology. More details of the agreement will be available by then.

The largest factor in krypton filling costs is the considerable amount of waste (from 40 to 70 percent) due to the limitations of current gas filling technologies. *OptiGas* filling systems inject the precise amount of krypton into the insulated glass unit at a controlled flow rate to eliminate losses.

*OptiGas* systems can inject argon, krypton or any combination of argon and krypton into a glass unit. Another feature of the *OptiGas* system is the *ThermalCert* module, which can analyze the gas in the windows providing actual gas content verification.

Integrated Automation Systems develops innovative manufacturing systems and accessories primarily for insulating glass fabrication companies. More information can be found at [www.savekrypton.com](http://www.savekrypton.com). Integrated Automation Systems partnered with fenestration software company FeneTech to develop the software for OptiGas.

Praxair is the largest industrial gases company in North and South America, and one of the largest worldwide, with 2010 sales of \$10 billion. The company produces, sells and distributes atmospheric, process and specialty gases, and high-performance surface coatings. Praxair products, services and technologies bring productivity and environmental benefits to a diverse group of industries, including aerospace, chemicals, electronics, energy, food and beverage, healthcare, manufacturing, metals and others. More information on Praxair is available on the Internet at [www.praxair.com](http://www.praxair.com).

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