



NEWS RELEASE:

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GED Introduces 'ATLAS', the New Industry Benchmark in Triple and Dual Pane IGU Fabrication Efficiencies

Twinsburg, OH – GED Integrated Solutions' latest addition to their family of i-3 Technologies, the Automated Tri-Lite Assembly System (ATLAS), is certain to be the focal point at GlassBuild 2011 where attendees will be able to see in operation a revolutionary glass fabrication system that produces triple pane IG units in **20 second cycle times**.

The ATLAS's flexibility, schedule-driven production and seamless integration for existing Intercept® lines are only a few of its exceptional innovations. Adaptive to unique IG unit combinations, including small and large units, both dual and triple-glazed IGUs and in any order or combination, the machine-controlled consistency ensures uniform, high-quality IG units complete with an optimum level of production – dual units at six per minute and triple units at three per minute.

The ability to simplify the complexity of manufacturing both triple and dual pane IGUs in any sequence is made possible through the development of GED's new Win IG-5 software and the "no-touch" Vortex vacuum lift technologies.

WIN IG-5 Software now allows the IGU manufacturer to have complete production control of all aspects of the IGU manufacturing process. Operations can now schedule each unique IGU in a one-piece flow manner as the visual software interface provides grid, spacer and glass alignment. Additionally its Queue Management module allows for remakes and deletions and additions of IGUs to the schedule.

ATLAS's production process starts at the glass rack, where glass is pre-sorted. The WIN IG-5 software provides the operator with the visual management to load the glass into the washer in correct sequence. Once the glass is loaded and washed, it passes through ATLAS's Positive Pressure Clean Room, specifically designed to eliminate all dust.

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The glass is then delivered to the Topping Station where the 'no-touch' Vortex-designed air vacuum mechanisms lift and suspend the middle lite without physical contact to any part of the glass surface. This ensures contamination-free placement, alignment and assembly of the dual or triple IGU. This process not only eliminates operator glass handling, it also minimizes the chance of glass breakage and virtually eliminates contamination and/or damage to any of the glass within the sealed air spaces.

The assembled IGU is then transferred into the Smart i-3 Oven for heating/pressing, assuring proper wet-out of the unit.

Located in Exhibit #2549 at GlassBuild America 2011, GED Integrated Solutions is providing daily demonstrations of the ATLAS. The demonstration schedule is as follows:

[Monday, September 12](#)

11:30 a.m. – 12:00 Noon

1:30 a.m. - 2:00 p.m.

3:00 p.m. – 3:30 p.m.

4:30 p.m. – 5:00 p.m.

[Tuesday, September 13](#)

11:00 a.m. – 11:30 a.m.

1:30 a.m. – 2:00 p.m.

3:00 p.m. – 3:30 p.m.

4:30 p.m. – 5:00 p.m.

[Wednesday, September 14](#)

9:30 a.m. – 10:00 a.m.

11:00 a.m. – 11:30 a.m.

1:30 p.m. – 2:00 p.m.

As part of GED's complete line of glass and vinyl window fabrication equipment and software, the ATLAS is backed by the company's leading training and support services. For more information, contact GED at 330.963.5401 or visit www.gedusa.com.

[About GED Integrated Solutions](#)

GED Integrated Solutions is a worldwide supplier of fully integrated insulating glass and vinyl window and door fabrication systems, as well as solar manufacturing equipment, and the pioneer of the revolutionary Intercept i-3 Warm Edge spacer frame production system. The company's i-3 platform works with LeanNet communications software to integrate every facet of a plant's operation, increasing IG quality and production volumes and profits while decreasing operating costs and material wastage. GED's commitment to innovation that addresses its customers' needs is evidenced by the fact that 18 of the top 20 window and door manufacturers utilize GED's equipment and software solutions.

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