

# *Triple IG Efficient Automation and Window Design System*

## *GED Integrated Solutions*

### **Project Overview:**

- ▶ **Scope of the Project**
- ▶ **Achievements and Outcomes**
- ▶ **Remaining Activities**
- ▶ **ATLAS Overview**

# Scope of Project:

- ▶ *Design, develop and commercialize a high volume, low cost Insulating Glass Automation System for production of reliable highly insulating windows*
- ▶ *Optimize a whole window with R-5 performance*
- ▶ *Retail cost target to be < or = to \$4 per sq-ft (consumer price premium) over a conventional dual IG with low-e, argon gas filled Energy Star rated window.*

# Achievements and Outcomes:

- ▶ Verification of R5 Window Product cost target with ATLAS (Automatic Triple Lite Assembly System) system and triple IGU Window with several window manufactures
- ▶ Development of ATLAS, Build and Test of ATLAS
- ▶ Commercialization of system
- ▶ Completion of Project and DOE Grant

# Remaining Activities:

- ▶ Additional promotion and commercialization of GED's ATLAS System and the economic optimized triple IGU window system for R-5 window design

