



# CASE STUDY

A major shipping company was projecting significant growth in their services due to the massive increase of e-commerce activity. They required a new facility for an additional package-sorting hub. New land acquisition also presented an opportunity for future expansion. But, the biggest challenge - it needed to be operational in less than 5 months.

## DISTRIBUTION CENTER EXPANDS WITH THE UPGRADE™

### KEY ACHIEVEMENTS

*Faster than conventional building; weeks rather than months*

*2 1/2 times less material waste than traditional building*

*Steel frame consisting of 72% recycled material*

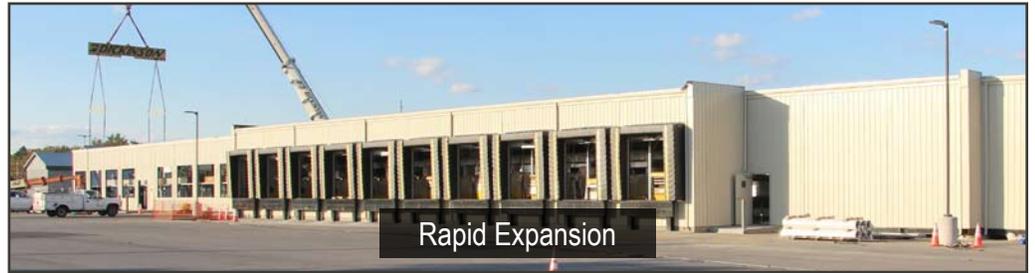
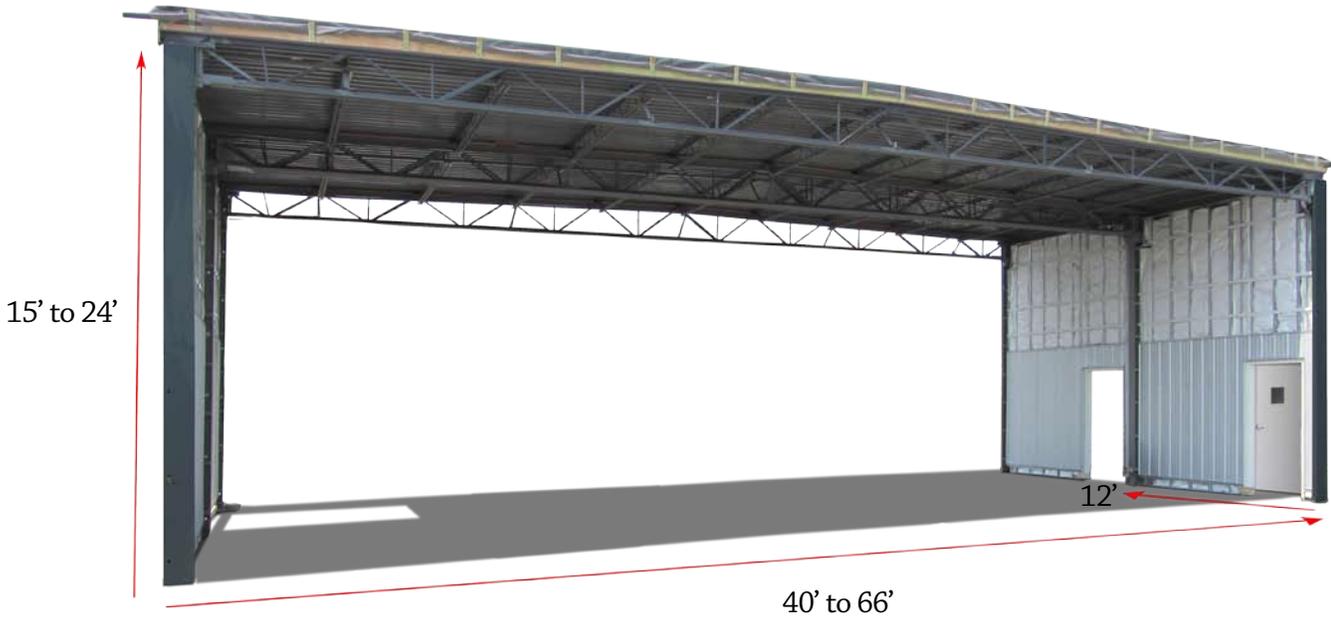
*Minimal disruption to existing business*

*Building installed after conveyor equipment already in place*

*Flexible design for changing needs*

Whitley proposed the industrial, wide span, modular structure called the “UpGrade.” With its proprietary structural system, the wall and roof components are joined together as one unit, making set-up extremely fast and cost effective. The end walls have the ability to fold under, allowing up to 3 modules to be shipped on a single flatbed trailer, reducing freight costs. Siding, insulation, and electrical systems are pre-installed in the factory also minimizing on-site work. Once the modules arrive, they are lifted by crane allowing the end walls to unfold into a vertical position. Within a day, all the modules are set, fastened to the concrete slab, and mate-lines are closed in by the finishing crew.

The Upgrade has been designed to be relocate-able. The flexible design allows the facility to add, remove or relocate to adapt with its changing business environment.



## KEY FACTS

**PROJECT NAME**  
DISTRIBUTION CENTER EXPANSION

**LOCATION**  
HARRISBURG, PA

**PROJECT TYPE**  
UPGRADE HIGH SPANS SYSTEM

**BUILDING SIZE:**  
22,000 SQ. FT.

**BUILDING UNITS:** APPROX. 40

**TIME FRAME:** LESS THAN SIX WEEKS,  
INCLUDING SITE WORK

