

# Planning, Design and CA for an Inline Checked Baggage Screening System Port Columbus International Airport Columbus, Ohio

**Completion Date: 2012**

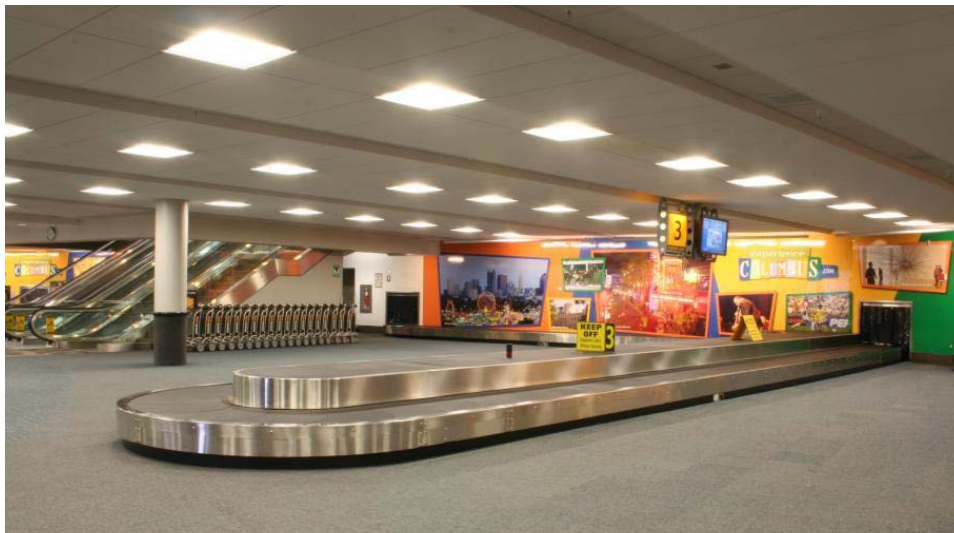
**Project Cost: \$50 Million**

The Columbus Regional Airport Authority (CRAA) desired an inline baggage system for all checked baggage at Port Columbus International Airport. CRAA wanted to ensure the highest level of security and an assured and acceptable level of circulation and services for their passengers. This project replaced and upgraded various components of the baggage conveyor systems including the inbound belts/baggage claim devices. During the project Dynamix was required to provide a site and program analysis, potential alternatives development and review, evaluation of alternatives and recommendation of alternative, preliminary design of preferred system and inbound/baggage claim device conveyor systems design. Coordination throughout the project was required with CRAA, TSA, FAA and airline stakeholders. As a result of this project, Port Columbus International Airport has a secure state-of-the-art baggage claim system that scans baggage quickly and securely.

Dynamix performed the work as the local MEP firm for the team consisting of Epstein out of Chicago and Vic Thompson Company out of Dallas. The project demanded that Dynamix become intimately familiar with the HVAC and electrical portions of the facility as existing facility utilities were extended to these new additions. Professional services were provided in three (3) distinct phases: Study, Design and CA.

## Dynamix Engineering's Role on the Project:

- Integration of Access Control, CCTV, Intrusion Detection and panic buttons with existing systems
- Integration with fire alarm system to meet life safety and egress requirements
- Integration of card access to the baggage control system to provide airline staff with automated operation of the baggage belt system
- Mechanical, electrical, and plumbing engineering



Contact: Columbus Regional Airport Authority | Matt Langel | [mlangel@columbusairports.com](mailto:mlangel@columbusairports.com) | (614) 239-4000