



## LAGUARDIA AIRPORT

Flushing, New York

## Terminals C and D Baggage Screening System

Delta Air Lines | 2011 - 2014

Delta hired BNP as the baggage handling system design consultant for both the LGA Terminal C & Terminal D Baggage Handling Projects. BNP worked closely with Delta, TSA, as well as the PANY&NJ who are the Terminal Owners for both projects.

The project at Terminal D included the installation of a new inline screening system consisting of three Inline CTX 98000s within a new terminal expansion and a tie-in to the existing sortation system. To implement the new Inline screening, the existing upper-level controls system required replacement. The existing sort controllers and MDS were replaced with a Brock Solutions Smart Sort Marathon Technologies HA and FT Virtual Server. The new servers were implemented with the capacity for the future Terminal C Inline Baggage Handling System and West Sortation Project that is currently under construction.

The project at Terminal C included the installation of a new inline screening system consisting of three Inline CTX 98000s. The required enabling work included refurbishment of existing conveyor mechanical and electrical devices. In addition, a new outbound sortation system was installed, consisting of five make-up devices.

One of the important aspects of this project was the careful orchestration of new equipment phasing and implementation of the new control architecture around the existing Terminal C & D airport operation. This existing operation left limited nighttime testing and development periods. BNP's scope of work included concept design through construction monitoring with two full time Project Managers and one full-time onsite engineer for Terminal C and two full-time site engineers for Terminal D.



ASSOCIATES, INC.

### BNP PROJECT TEAM

Steve LaPorta, Principal

Michelle Brown-Daly,

Project Director

Maurice Mancini, Project Manager

### BHS CONSTRUCTION AMOUNT

Terminal C: US \$25 Million

Terminal D: US \$10.5 Million

### REFERENCE

Ryan Marzullo

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### SCOPE OF SERVICES

Conceptual Design

Design Development

Contract Documents

Bidding and Procurement

Construction Administration

Testing & Commissioning