

CASE STUDY

BUILDING AUTOMATION CONTRACTORS

Terminal One at JFK

The first completely new structure built at J.F.K. in the last 25 years, this glass and steel structure is as sleek as the Concorde, which is often seen at its gates. Home to Lufthansa, Korean Air, Virgin Air, Singapore Air Lines, and Air France, Terminal One handles over 10,000 travelers daily.

Having previously completed projects at Kennedy, LaGuardia, and Newark airports, **TEC Systems Inc.** knew exactly how to handle a project of this magnitude.

of the boxes are outfitted with hot water reheat coils. Control of 20 fan coil units and 40 exhaust fans round out the field located equipment. Additionally, central hot water and chilled water distribution plants are monitored and controlled to provide energy efficient system operation.

Two Honeywell XBS graphical user workstations, running on a Windows NT network provide access into the system for set point adjustment, equipment monitoring, alarm acknowledgment, and viewing of trend and maintenance reports.



Honeywell's Excel 5000 DDC control system eloquently handles all the HVAC control functions to maintain the environmental conditions throughout this one million square foot, atrium style facility.

The control system is comprised of 27 XL-500 and XL-100 stand-alone control panels which perform direct digital control on 27 air handler units. The air handler units feed conditioned air to 320 DDC controlled VAV and fan-powered boxes. Approximately 150

It's comforting to know that our visitors from abroad are greeted by a stylish, comfortable, new facility as we welcome them into our country.

Project Specs:

Owner and Developer:
Terminal One Group

Engineer:
Loring Associates

Construction Manager:
AMEC



Honeywell

TEC.SYSTEMS INC.

T.E.C. Systems Inc. is a full service, New York based, automation controls contractor, specializing in the design and implementation of computerized Building Automation Systems.

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