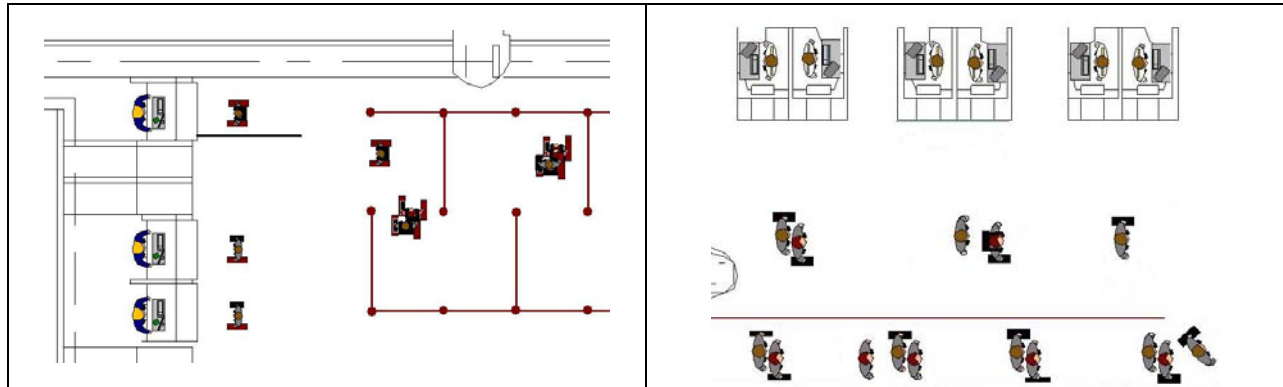


New Quito International Airport Terminal Capacity and Level of Service



NQIA Ticketing Hall

NQIA Passport Control

Client Name: Quito Airport Consortium, Inc. / Quiport
Date Started: August 2010
 June 2011

Date Completed: February 2011
 August 2011

As a follow-up to the 2007 and 2008 capacity analyses, TransSolutions was asked to perform new opening-day analyses of the New Quito International Airport, currently under construction. Original analyses reviewed the processing facilities for inbound and outbound passengers to identify Level of Service provided to passengers at the anticipated opening-day demand level.

For new analyses, the simulation model of all passenger processing facilities for both domestic and international passengers – arriving and departing – was updated to ensure that the most current terminal design and airport flows and processes were reflected. For the analyses, updated flight schedules, demand levels, and processing data were utilized to re-analyze the terminal and identify Levels of Service throughout the facilities.

In addition to the new opening-day analyses, several sensitivity analyses were performed to identify the impacts of operational, processing and procedural variations at critical passenger-processing facilities, to examine selected facility use in greater detail, and to quantify baggage flows were undertaken.