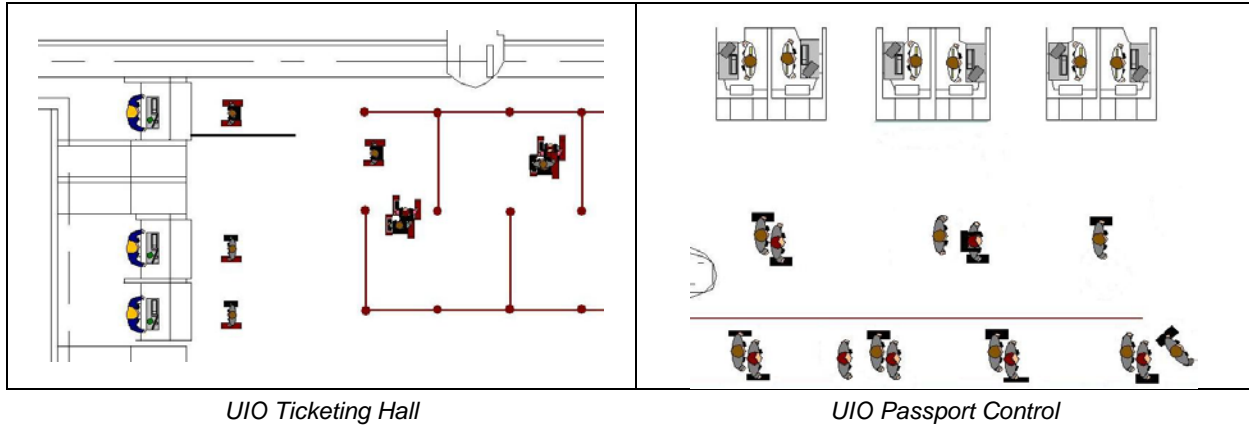


New Quito International Airport Opening Day Analyses / Short Term Planning



Client Name: Quito Airport Consortium, Inc. / Quiport
Date Started: April 2013

Date Completed: July 2013

The New Mariscal Sucre International Airport in Quito, Ecuador (UIO) opened in February 2013. Due to the popularity of the new airport and increasing flight and passenger demand, Quiport – the company holding the Management Concession for UIO - asked TransSolutions to perform capacity analyses of the terminal. The goals of the analyses were to identify current capacity and Level of Service performance, and to identify efficiency improvements and short-term facility requirements to respond to any areas of concern. Analyses were requested for the current and near-term peak-month demand levels.

To perform the analyses, TransSolutions utilized a simulation model of the terminal facilities that tracked individual passenger group movements through domestic and international, arrivals and departures processing. The model was originally developed and used for opening-day analyses performed for Quiport between 2007 and 2011 and updated for these new efforts to reflect opening-day conditions.

Analyses identified the areas of the terminal that required operational or facility adjustments, those facilities that provided additional capacity to accommodate growth, and identified potential operational measures that could be taken to best use the current terminal capacity. Once initial findings were reviewed with project stakeholders, additional analyses were performed to identify potential impacts of peak-period growth and typical daily flight dependability.