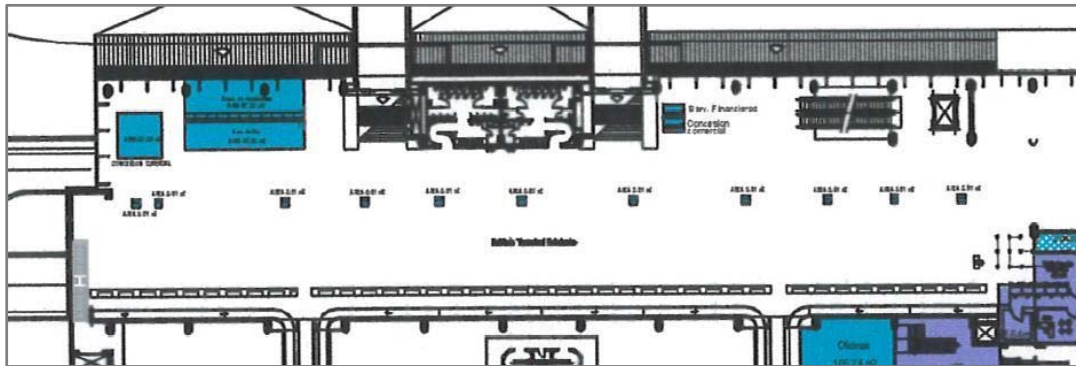




Juan Santamaria International Airport – Master Plan Support



Juan Santamaria International Terminal – Check-in Hall

Client Name: Aeris Holding Costa Rica, S.A.

Date Started: November 2009

Date Completed: May 2010

Development of Phase 2 of the international terminal at the Juan Santamaria International Airport (SJO) in San Jose, Costa Rica is underway and expected to be completed in the next year. However, due to dramatically increasing international demand at SJO, the terminal may be near or at capacity shortly after opening. Additionally, increasing domestic demand is expected to result in the need for new domestic terminal facilities to replace the current Sansa (domestic carrier) facilities.

To support a new Master Plan effort, Aeris Holding Costa Rica (Aeris) – the operator of SJO – contracted TransSolutions to perform simulation analyses of the international terminal and domestic terminal operations in light of a new demand forecast. Analyses were performed for the opening-day and two future planning-day horizons to identify the performance of the passenger processing areas in the terminal and the terminal curbside roadways. Additionally, if any passenger terminal or curbside facilities were found not to meet the required service levels identified by Aeris, TransSolutions identified additional requirements in terms of numbers of processors, queuing area, curbside frontage, or traffic controls.

In addition to the terminal and curbside performance and requirements development, TransSolutions also identified aircraft parking requirements, passenger peak hours, flight schedule profiles, and outbound baggage cart staging requirements to further support the Master Plan effort.

Follow-on analyses included review of a proposed sterile corridor for international arrivals and the impacts of changes in policy regarding non-passengers entering the international terminal. TransSolutions also participated in presentations to the airport and stakeholders in San Jose.