



Advance Passenger
Processing application
migration to JBoss Fuse ESB

We help clients adopt to technologies
that make their business better!

Client Summary

- Australia's number one low-cost airline. It is a subsidiary of Australia's number one Airline company, created in response to the threat posed by low-cost airline Virgin Blue.
- The airline operates an extensive domestic network as well as regional and international services from its main base at Melbourne Airport, using a mixed fleet of the Airbus A320 family and the Boeing 787 Dreamliner

Executive Summary

- The client is the largest low-cost airline in Australia and SrinSoft Technologies is responsible for managing a number of its core applications which helps keep the company function at the highest level and planes airborne.
- Support, monitoring, and maintenance of production servers and IT infrastructure form an integral part of any organization. It helps the business to be agile, reduces downtime and helps increase revenue.

Business Challenge:

- Advanced Passenger Processing (APP) solution provides a greater autonomy for the travelers at the same time making processing procedures more efficient.
- The Advanced Passenger Processing (APP) is a Portfolio of applications which monitors and delivers enhanced passenger flow at both Source & Destination terminals

Solution:

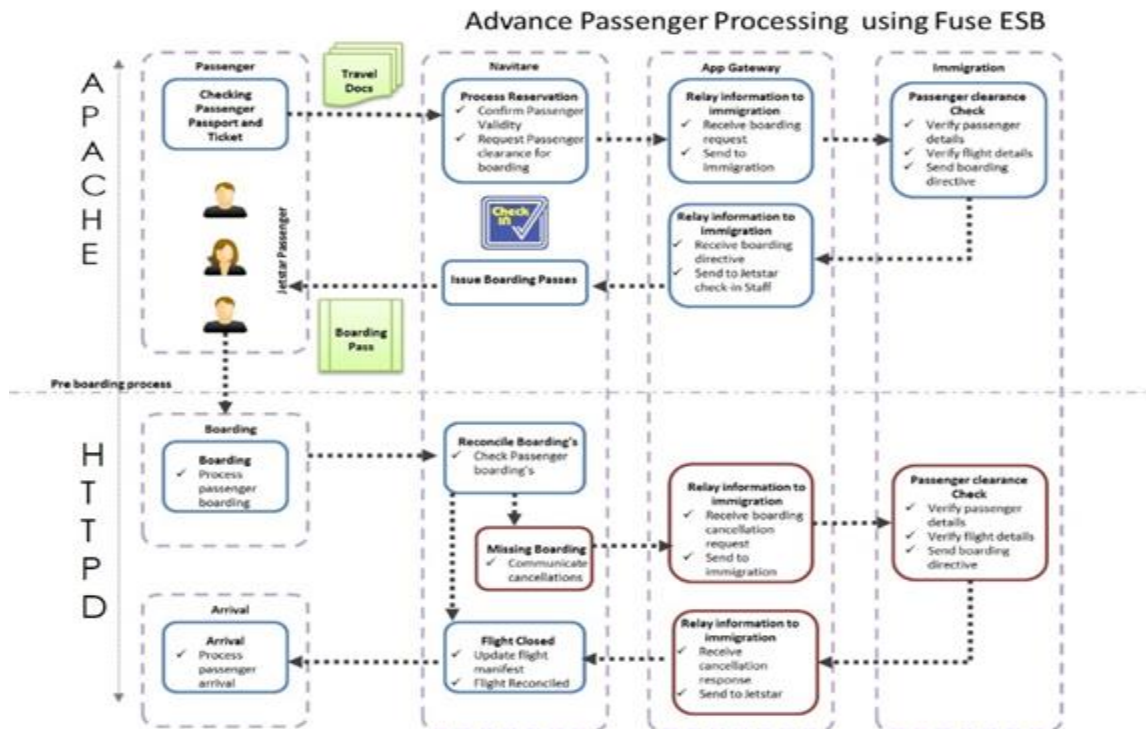
- Migrating the Advance Passenger Processing to JBoss Fuse ESB which is an open source-based stack

Passenger processing includes the following features.

- Re-usable architecture components
- A common check-in engine that delivers a cost-effective and channel-independent capability
- Apache-HTTPD is configured to capture the check-in requests from Airport Terminals and gives the response
- All the Load Balancing is maintained by Apache in a Round Robin mechanism with Mod-Cluster. APP application was deployed in Fuse-ESB
- Apache is configured to give the check-in response from two different instances of Fuse-ESB to the Airport Terminals

Business Benefits:

- Reduced operating costs
- Adoption to Open Source with increased ROI
- Improved management of service level agreements (SLAs)
- Expanded points of sales and points of services through the cost-effective roll-out of self-service technology on and off-airport
- Advance integration of Metals with payroll and AP system



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