

Security

Efficiency

Transnational Criminal

Terrorism

Border Security

Travel Security

Flight Delay

Fake Tickets

Lost of baggage

Impossible Balancing Act?



Headline News





Reputation



Financial losses

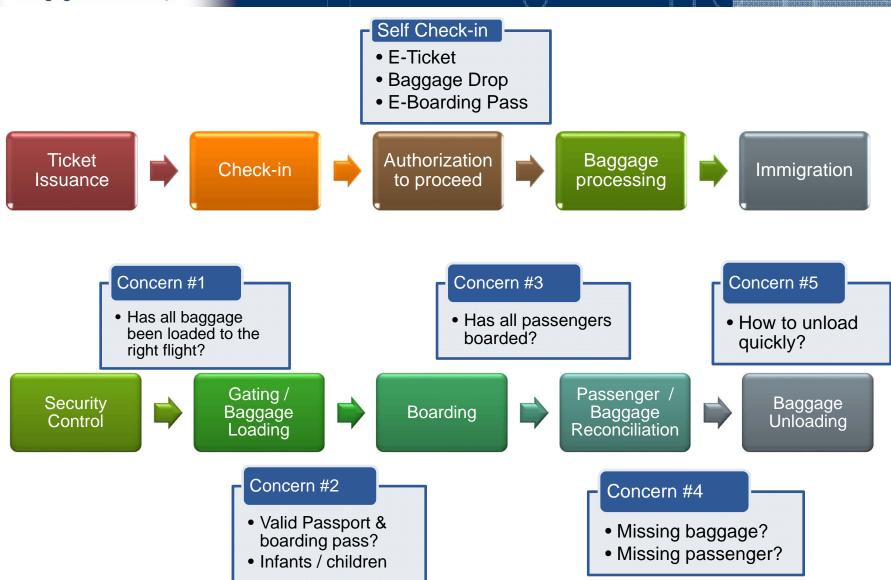








Process Flow





Issues & Concerns

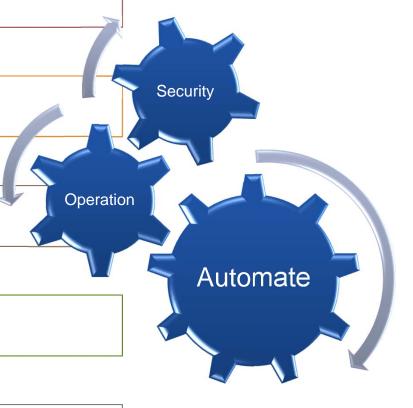
Detect mismatching passenger's name in passport and boarding pass

Detect Expired / Invalid passport

Detect Visa Requirement for specific nationalities to destination country

Detect Expired / Invalid Boarding pass

Detect if not all checked in passengers have boarded?





Conflicting Needs



Better Security.

No Compromise on Efficiency

Security

Verify passengers' ID

- Valid & Matching Passport & Boarding Pass
- Watch list, human trafficking

Real time info on passengers manifest

- Checked-in / Gated
- Boarded / No Show
- Fulfill regulatory requirement

Efficiency

Baggage Loading & Unloading Process

- Full & accurate report owner traceability
- Aircraft baggage compartment

Baggage Unloading

- Unload from specific baggage compartment
- Speedy unloading
- Minimize delay



Cost of Security Lapses





Prosecution



Aircraft explosion



Human Disaster



Cost of flights delay 0

Sports

Multimedia »



Map | CalMail | bCal | I

Media Relations »

Flight delays cost \$32.9 billion, passengers foot half the bill

Events

By Ann Brody Guy, College of Natural Resources | October 18, 2010

BERKELEY — The cost of domestic flight delays puts a \$32.9 billion dent into the U.S. economy, and about half that cost is borne by airline passengers, according to a new study led by researchers at the University of California, Berkeley.

The research was commissioned by the Federal Aviation Administration (FAA), and the final report was delivered to the agency today (Monday, Oct. 18).

The comprehensive new study analyzed data from 2007 to calculate the economic impact of flight delays on airlines and passengers, the cost of lost demand, and the collective impact of these costs on the U.S. economy. The study authors found that increased delays directly correlate with increased costs.

Direct cost of air transportation delay in 2007

Cost Component

Costs to Airlines
Costs to Passengers
Costs from Lost Demand
Total Direct Cost
Impact on GDP
Total Cost

Cost (in billions) \$8.3 \$16.7 \$3.9 \$28.9 \$4.0 \$32.9



Benefits of Automation





News on the day of London 2012 Opening Ceremony

Boy aged 11 who sneaked on board flight to Rome had never been on a plane before

LIAM CORCORAN flew to Rome on his own - but he never had a passport and didn't have a ticket, boarding card or a penny in his pocket.



