

RouteSync

Automatically synchronize, monitor and record flight route data



Reduce delay costs

Automatic uploading of flight plan data to the flight management computer, shortening turnaround times by 5-10 minutes.



Reduce fuel burn

Optimizing flight performance with automated Boeing wind and temperature updates can reduce hundreds of pounds of fuel per flight.



Support safe operations

Reduce entry errors caused by manual entry and verifying flight management computer data in automatic cross-check validations.

Reduce airline delays through advanced flight route plans

The RouteSync data distribution framework connects an airline's back office with flight management computers using ACARS.

RouteSync receives flight plans via multiple interface technologies (i.e., email, message queue, or other common software protocols) and then parses the flight plans. This information is placed into message queues that can be accessed via a pilot's FMC commands.

The RouteSync framework automatically constructs ACARS messages and uplinks the data to the FMC at the pilot's request. RouteSync also monitors all ACARS AOC data link messages, records the messages for post-flight analytics, and distributes the data to other applications that have subscribed to this data.



RouteSync

Automatically synchronize, monitor and record flight route data

Reduce delay costs

by automatically uploading flight plan data to the flight management computer and shortening turnaround times by 5-10 minutes.

Improve safety

by reducing entry errors caused by manual entry and verifying flight management computer data in automatic cross-check validations.

Optimize flight plans

based on current conditions closer to the actual flight by being able to quickly update route data automatically.

Improve flight record management

through the automatic recording of ACARS messages for use in post-flight analysis.

Reduce reporting times or block times

by shortening turn activities.

Free up precious FMC memory

and back-office support by eliminating the need to maintain company routes.

Only RouteSync manages all flight management computer message sets including performance data and full route data from runway to runway with more than 99% reliability.

Technical Requirements

Any aircraft equipped to support ACARS messaging such as AOC Data Link services can use RouteSync. They also need to make their flight plans available as an electronic interface (i.e., email, message queues, ftp, http) and as XML, PDF, or ASCII parsable data sets.



Learn more about RouteSync at
services.boeing.com/route-sync