





# FABEC SC OPS

**ANSP & CFSP Coordination** 

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## **TOPICS**

- CFSP System Overview
- CFSP System Challenges
- FABEC Customer Satisfaction Survey
- ANSP / CFSP Collaboration











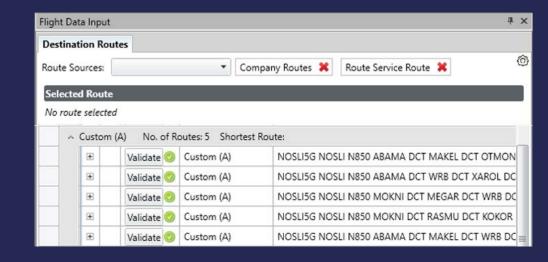






## **CFSP SYSTEM OVERVIEW**

- Designed to combine factors to produce a route
  - Weather
  - ☐ Airspace (RAD)
  - ☐ Aircraft
  - ☐ Airline
- Requires integrations with other vendors
  - ☐ ANSPs / Communications
  - ☐ Reservations
  - Aircraft Performance
- Can be utilized months to minutes prior to ETD



















## CFSP SYSTEM CHALLENGES

- Highly complex and restricted operating environment
  - ☐ RAD
  - ☐ Free Route Airspace
  - ☐ Regulations
- Data feed
  - NOTAM
  - □ B2B
  - ☐ SWIM
- Conflicting Priorities

#### Complete ATC Route Show calculated ATC Route

NOSLI5G NOSLI N850 ABAMA DCT BEDOS DCT VX DCT ETPIG P605 EKRAL DCT SIMEG M736 BAKDO DCT LEGSA DCT MAG M736 GALMA Z94 KOMIB DCT NATOR N869 OLBEN/N0441F390 N869 LUTIX N869 BENOT BENOT1R

NAV Valid: True NM Valid: False SID: NOSLISG (s) STAR: BENOT1R (s)

Validation Message FPL validation failed

ERRORS:

(R)PROF204: Description: RS: TRAFFIC VIA OKKOC Z94 BAMKI ERF Z94 OKKOC WEMAR Z94 ERF IS ON FO (R)PROF204: Description: RS: TRAFFIC VIA GORKO Z94 KOMIB IS ON FORBIDDEN ROUTE REF:[ED2359A] (R)PROF205: Description: RS: TRAFFIC VIA KOMIB:F245..F660 IS OFF MANDATORY ROUTE REF:[ED2352A] (R)PROF205: Description: RS: TRAFFIC VIA NATOR IS OFF MANDATORY ROUTE REF:[LSED1121A] NATOR.













### FABEC CUSTOMER SATISFACTION SURVEY

- CFSP system modernization
  - ☐ Different states of modernization
  - ☐ Different methodologies
  - ☐ Different data sets
- Workshops
  - ☐ Advance notice of airspace changes
  - ☐ 9+ months to change CFSP functionality
  - ☐ Collaborative rather than informative

# FABEC CUSTOMER SATISFACTION SURVEY

**Survey findings** 

February 2023

















## ANSP & CFSP COLLABORATION

- Good FABEC ANSP collaboration
  - ☐ ANSP attendance at CFSPG
  - ☐ Pre-validation testing
  - ☐ Struggle for CFSPs to implement
- Airspace complexity
  - ☐ Busiest airspace in Europe
  - ☐ Simplify airspace structure
  - ☐ Collaborative rather than informative



















# THANK YOU









