

DATABASE ACTIVATION

Michel BEST
Flight Operations Engineering
June 2005



DATALINK at AIR FRANCE
AOC STANDARDISATION MEETING SEATTLE AUGUST 2005

DataBase activation (1)

Before : a/c with few databases in the avionics domain , mainly loaded through maintenance process and for important operational function (i.e FMS) activation by pilot normal procedure

Soon (entry into service of A380 and B787) : a/c with many databases in the « open » domain (EFB part 121 side) with very different update periodicity (from 1or 2 days to few months



Database activation(2)

Regulatory perimeter :JAA TGL 36 for european operators

- Plate-form Administration function definition : be able to provide « anytime » database configuration list to local authorities for Q.A

Objective : Perform remote activation of already installed databases according to effectivity date

- Note 1 : applications s/w will remain loaded and activated through maintenance process
- Note 2 : at same time version N and N-1 always available for operational back up



Database activation(3)

Timescale : after entry into service (experience build up with classic « manual » approach needed before implementation)

Plate-form Administration : Airline Maintenance organization selected (AF) but might be also outsourced (Maintenance , IT company , vendors.....) : within A633 scope

ROI : cost saving through mechanics resource optimization

Feasibility :

- ▶ Issue raised at previous A380 CFG : internal AI study ? : status needed
- ▶ AF (TLS) IT expert : looks feasible based on already B777 software configuration application

