

L-DCS - Local Departure Control System

Edge Airport France



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L-DCS - Local Departure Control System



IATA / CUPPS compliant

Features

- integration of IATA messages - PNL, ADL...;
- graphical management of cabin plans;
- passenger tracking (PAXTracer);
- supports APIS and EBorders ;
- generating and sending operational messages PFS, LDM, FTL, ETL ...;
- baggage reconciliation;
- Weight & Balance;
- generate load sheets.

Description

Airport Manager LDCS is a passenger check-in system for low-cost airlines. Chaque banque d'enregistrement peut gérer simultanément plusieurs vols. Each check-in workstation desk can simultaneously register several flights.

The programme is compatible with the use of multiple peripherals.

- MS : Magnetic Swipe Reader ;
- OC : LePassport Readers (Optical Character Reader) ;
- BC : Bar Code Reader;
- BP : Boarding Pass Printer (BPP) ;
- BT : Baggage Tag Printer (ATB);
- BG : Boarding Gate Reader (BGR) ;
- PR : Matrix printers for operational documents.

Weight & balance

The L-DCS includes a «Weight & Balance» module, allowing the calculation of load and trim results. It calculates the load and trim and produces the plane loading expressed in %MAC. The results are sent in Excel spreadsheets, which produces a load sheet.

Use of 'Weight & Balance "module is subject to the certification requirements between Edge-airport and airlines.

LDCS - Main Screen

Flight list per day

IATA Messages for each flight



Cabin Plans

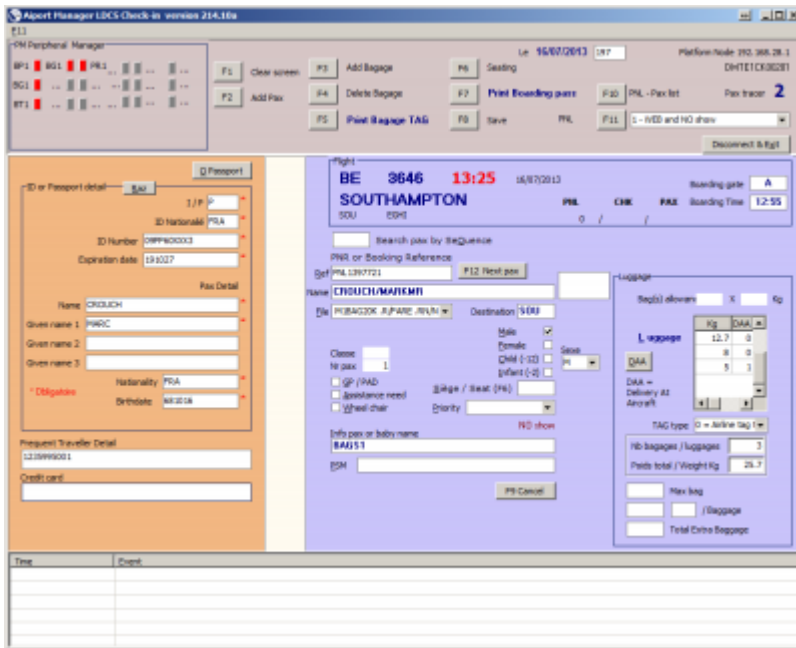
The graphic tool facilitates the creation of a cabin plan:

- management of 2 flight decks (principal and superior (B747 or A380));
- multi-classing of passengers;
- positioning of emergency exits;
- blocking of seats;
- zone management



Automatic flight selection

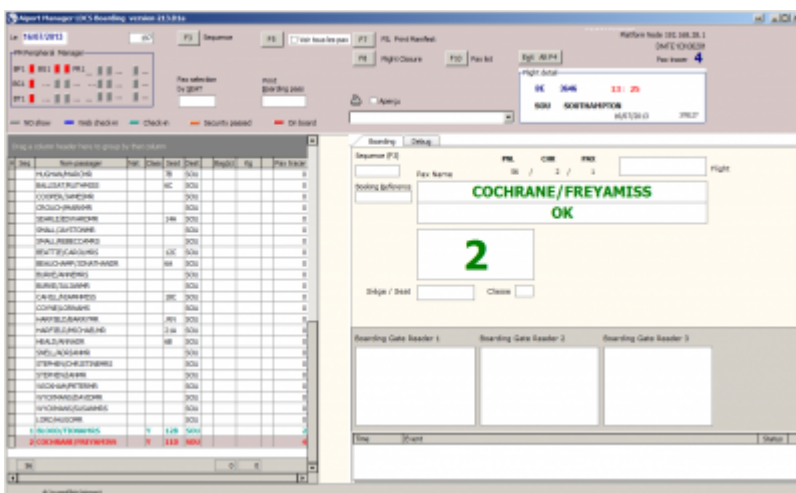
By reading a passenger's passport, the program will automatically find the flight on which the passenger is travelling.



Boarding

L-DCS provides the ability to connect up to 3 BGRs thus allowing fast boarding. The 3rd BGR can be a wireless barcode reader or an automatic gate.

The software can also be used without BGR. Just enter the sequence number of each boarding pass to board a passenger.



Loadsheet

For companies certified to the "Weight & Balance" system, it is possible to generate loadsheet in Excel files.

LOAD AND TRIM SHEET F-LDCS

FLT No: _____
DATE: 21-06-2017
A/C: ATR72-500
CPT: _____
CRW: _____

DESTINATION: ORY

BASIC WEIGHT		13 411
Corrections	crew	500
Corrected basic weight		13 930
TAKEOFF FUEL +		2 230
Operational weight		16 160

DEST	PASSENGERS		TOTAL WEIGHT	CARGO		
	AD	CH		LD	BD	APT
HAH	B		0	0	0	0
	C					
	M					
	T		0	0	0	0
	TR					

MAXIMUM WEIGHT	Zero fuel	Takeoff	Landing
TAKEOFF FUEL	22 800	22 800	22 800
	2 230	Trip fuel	250
LIMITATION (Lowest of the 3)	23 030	22 500	22 800
OPERATIONAL WEIGHT	16 160	16 160	16 160
LOADING	6 951	6 931	6 431

BASIC INDEX: -12.55

LAST MINUTE CHANGE LMC		WEIGHT
DATE	DESCRIPTION	
TOTAL LMC +/-		0

BASIC INDEX CORRECTION	
3rd crew mbr index	8.8
WEIGHT VARIATION	D E F
10 KG	0.00 0.00 0.00
15 KG	0.00 0.00 0.00
INDEX CORRECTION	

CORRECTED INDEX: -12.00

ZONES	NB	weight kg
CABIN A	18	1335
CABIN B	21	1300
CABIN C	12	815
FWD CARGO		220
AFT CARGO		330
FUEL		2 230

Cargo weight (KG) A	550
Passengers weight (KG) B	2 617
LOADING A + B	3 167
CORRECTED BASIC WEIGHT	13 930
ZERO FUEL WEIGHT	16 160
MAX	20 800
TAKEOFF FUEL	2 230
TAKEOFF WEIGHT	20 390
MAX	22 800
TRIP FUEL	250
LANDING WEIGHT	20 640
MAX	22 350

PREPARED BY: _____ APPROVED BY: _____

ZFW MAC: 22.7%
14% between 21%
TOW MAC: 24.3%

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