

L-DCS - Local Departure Control System

Edge Airport France

Table of Contents

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Features

 Description

Weight & balance

 LDCS - Main Screen

Cabin Plans

PNL -Integrating passenger lists

 Check-in

 Automatic flight selection

 Boarding

 Loadsheet

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L-DCS - Local Departure Control System



IATA / CUPPS compliant

Features

- graphical management of cabin plans;
- integration of IATA messages - PNL, ADL...;
- supports APIS and EBorders ;
- passenger tracking (PAXTracer);
- baggage reconciliation;
- flight documents;
- generating and sending operational messages PFS, LDM, FTL, ETL ...;
- Weight & Balance;
- calculate CG expressed in %MAC;
- 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

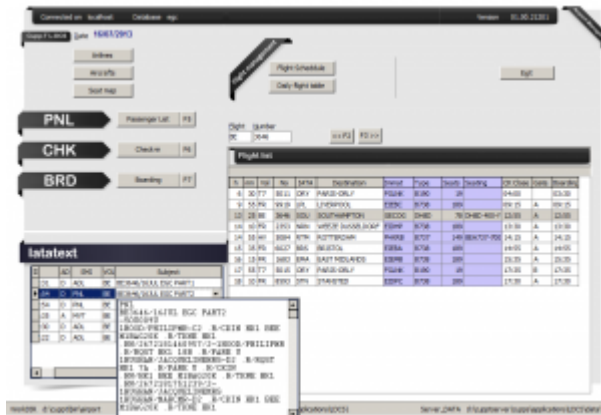
The L-DCS includes a «Weight & Balance» module, allowing the calculation of load and trim results. It calculates the load and trim and produces the plane loading expressed in %MAC. The results are sent in Excel spreadsheets, which produces a load sheet.

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

LDCS - Main Screen

Flight list per day

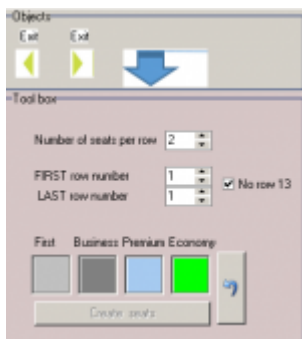
IATA Messages for each flight

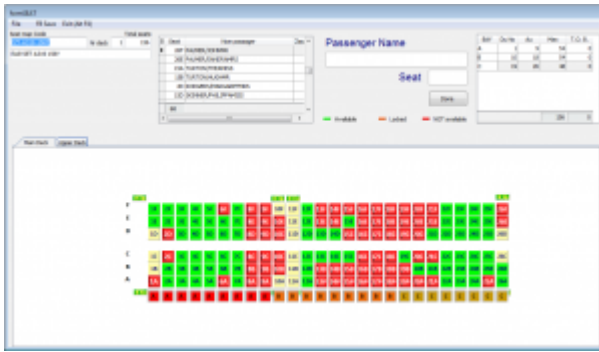


Cabin Plans

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



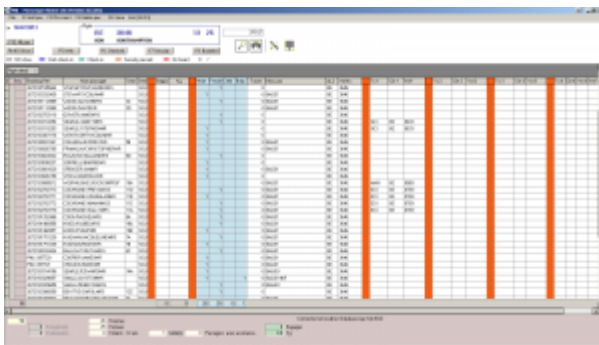


PNL -Integrating passenger lists

LDCS integrates the PNL and ADL messages and thus generates the passengers list. With this tool, it just takes couple minutes to prepare flights on LDCS.

The advantage of this functionality is the automatic recuperation of the following data:

- sequence number for the passengers checked-in online (web check-in);
- name of each passenger and reservation reference or number on E-ticket;
- seat number;
- count of men, women, children (-12 years) and babies;
- specific information (prepaid baggage, wheelchairs ...);
- connecting flights (allows bag tag printing to the final destination).



Check-in

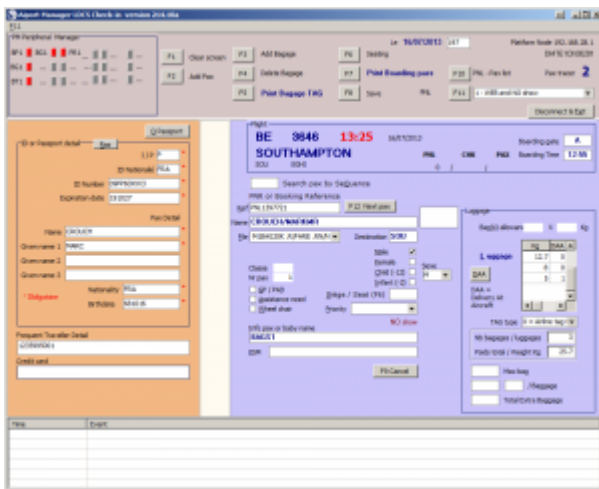
Passenger check-in, boarding passes and bag tags printing is facilitated by ergonomics of the software.

Passenger search can be done in several ways:

- by passing the passenger’s passport in the reader;
- by partially composing first few letters of name;
- by displaying passenger list (PNL).

Automatic flight selection

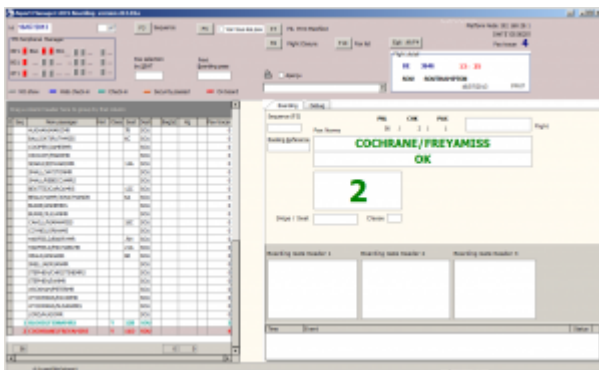
By reading a passenger's passport, the program will automatically find the flight on which the passenger is travelling.



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

BASIC WEIGHT		13 411
Corrections	crew	528
Corrected basic weight		13 939
TAKEOFF FUEL +		2 230
Operational weight		16 169

FLT Nb: _____
 DATE: 24-dec
 A/C: ATR72-500
 CPT: _____
 CRW: _____

DESTINATION: ORY

MAXIMUM WEIGHT	Zero fuel	Takeoff	Landing
	20 800	22 500	22 350
TAKEOFF FUEL \oplus	2 230	Trip fuel \rightarrow	250
LIMITATION (Lowest of the 3)	23 030	22 500	22 600
OPERATIONAL WEIGHT	16 169	16 169	16 169
LOADING	8 861	8 331	8 431

DEST	PASSENGERS		TOTAL WEIGHT	CARGO		
	AD	CH		LV FWD	RN FWD	AFT
HAH	0	0		0	0	0

LAST MINUTE CHANGE LMC	
DEST SPECIFICATION	CL \oplus / \ominus WEIGHT
TOTAL LMC +/-	0

BASIC INDEX CORRECTION	
3rd crew mbr index	0.0
ZONES	
WEIGHT VARIATION	D E F
\oplus 10 KG	-0.09 +0.46 +0.61
\ominus 10 KG	+0.09 -0.46 -0.61
INDEX CORRECTION	-12.55

CORRECTED INDEX	
	-12.00

ZONES	Nb	WEIGHT KG
CABIN A	18	1335
CABIN B	21	1389
CABIN C	12	913
FWD CARGO		220
AFT CARGO		330
FUEL		2 230

Cargo weight (KG) A	550	Corrected weight
Passengers weight (KG) B	3 617	
LOADING A + B	4 167	
CORRECTED BASIC WEIGHT \oplus	13 939	
ZERO FUEL WEIGHT	18 106	
MAX 20 800		
TAKEOFF FUEL \oplus	2 230	
TAKEOFF WEIGHT	20 336	
MAX 22 800		
TRIP FUEL \ominus	250	
LANDING WEIGHT	20 086	
MAX 22 350		

PREPARED BY	APPROVED BY	ZFW MAC	22.7%
		14% BETWEEN	37%
		TOW MAC	24.3%

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Last update: 07/09/2017 17:09

Edge Airport France

Airport Manager Solutions

Phone: +33 553 801 366

Service commercial : contact@edge-airport.com

Support technique : support@edge-airport.com

Edge Airport France SAS au capital de 150 000 €

RCS Bergerac 529 125 346 Les Lèches TVA : FR53529125346 / EORI : FR52912534600039

Tel : +33(0)553 801 366 contact@edge-airport.com www.edge-airport.com