

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.

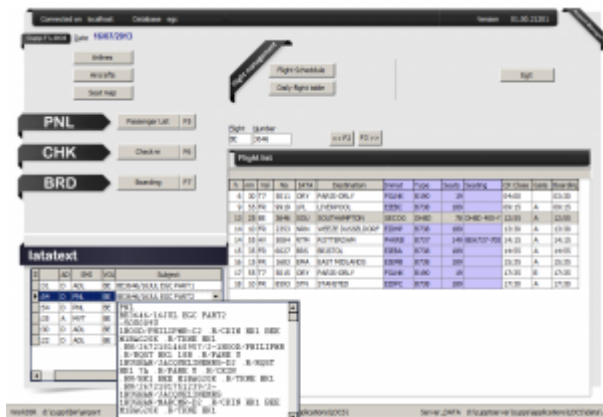
The programme is compatible with the use of multiple peripherals.

- 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.

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

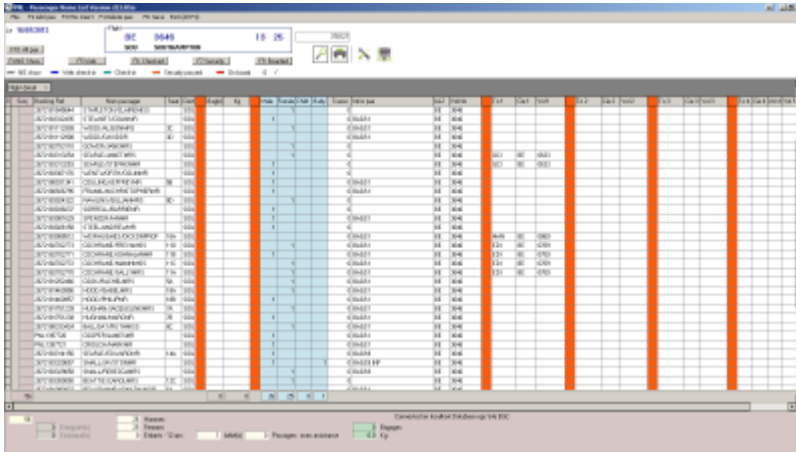


PNL -Integrating passenger lists

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).



Seq	Passenger	Age	Sex	Class	Seat	Flight	Time	Gate	Zone	Remarks
1	Mr. J. Smith	45	M	Y	12A	AFR 001	10:00	10	1	
2	Ms. A. Brown	32	F	Y	12B	AFR 001	10:00	10	1	
3	Mr. C. Green	60	M	Y	12C	AFR 001	10:00	10	1	
4	Ms. D. White	28	F	Y	12D	AFR 001	10:00	10	1	
5	Mr. E. Black	55	M	Y	12E	AFR 001	10:00	10	1	
6	Ms. F. Grey	40	F	Y	12F	AFR 001	10:00	10	1	
7	Mr. G. Blue	70	M	Y	12G	AFR 001	10:00	10	1	
8	Ms. H. Yellow	35	F	Y	12H	AFR 001	10:00	10	1	
9	Mr. I. Purple	50	M	Y	12I	AFR 001	10:00	10	1	
10	Ms. J. Pink	25	F	Y	12J	AFR 001	10:00	10	1	

Check-in

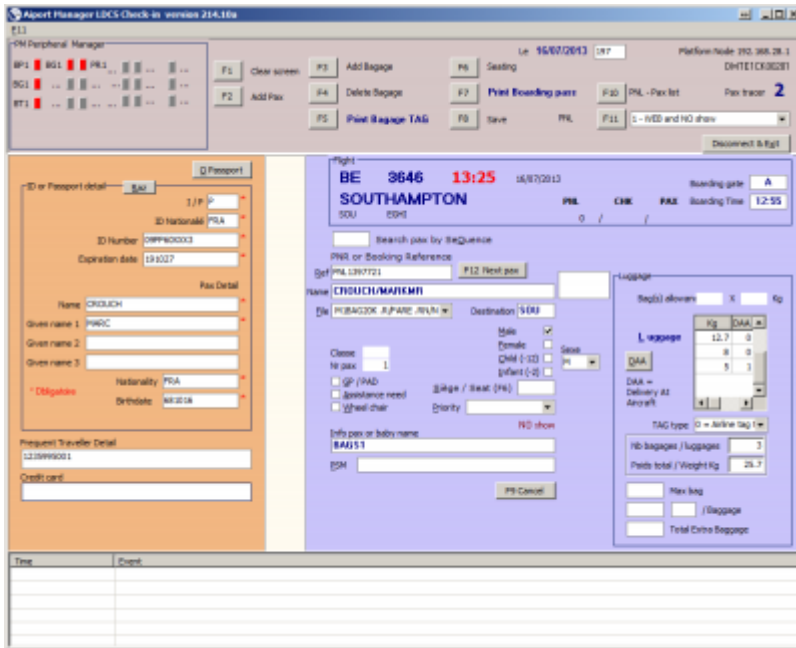
Passenger check-in, boarding passes and bag tags printing is facilitated by ergonomics of the software.

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

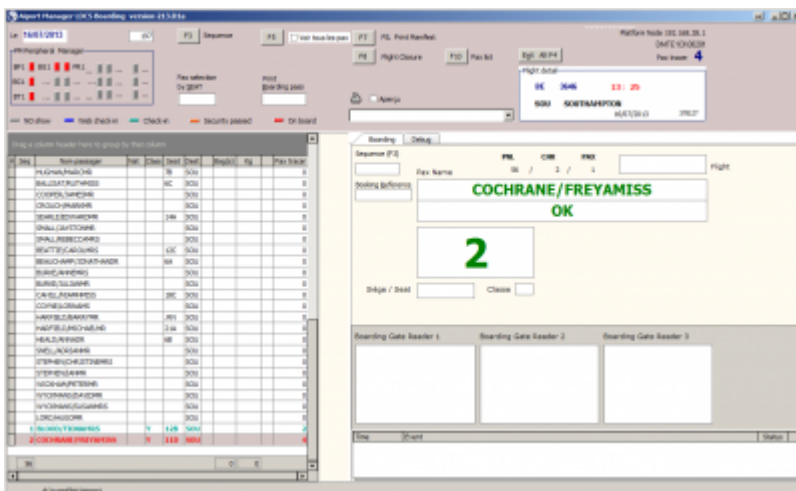
By reading a passenger’s passport, the program will automatically find the flight on which the passenger is travelling.



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.



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.

Loadsheet

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

BASIC WEIGHT		13 617		CORRECTIONS		- 208		CORRECTED BASIC WEIGHT		13 409		TAKEOFF FUEL +		2 230		OPERATIONAL WEIGHT		16 139	
FLYING WEIGHT		16 139		ZERO FUEL WEIGHT		16 139		MAXIMUM WEIGHT		22 300		TAKEOFF FUEL		2 230		OPERATIONAL WEIGHT		16 139	
MAXIMUM WEIGHT		22 300		TAKEOFF FUEL		2 230		OPERATIONAL WEIGHT		16 139		LOADING		8 431		BASIC INDEX		-12.55	

DEST	PASSENGERS	TOTAL WEIGHT	CARGO
AD	CH	LF PAS	AF PAS
HAH	0 0	0 0 0 0	0 0 0 0

LAST MINUTE CHANGE LMC	WEIGHT
TOTAL LMC +/-	0

BASIC INDEX CORRECTION	
3rd crew mbr index	0.0
WEIGHT VARIATION	SCORES
10 KG	D E F
15 KG	-0.08 -0.48 -0.81
INDEX CORRECTION	
CORRECTED INDEX	-12.60

ZONES	NB	WEIGHT KG
CABIN A	18	1335
CABIN B	21	1500
CABIN C	12	915
FWD CARGO		220
AFT CARGO		330
FUEL		2 230

FLIGHT LIMIT	WEIGHT (KG)
Cargo weight (KG) A	530
Passenger's weight (KG) B	3 617
LOADING A + B	4 147
CORRECTED BASIC WEIGHT	13 409
ZERO FUEL WEIGHT	16 139
MAX	22 800
TAKEOFF FUEL	2 230
TAKEOFF WEIGHT	20 336
MAX	22 800
TRIP FUEL	250
LANDING WEIGHT	20 686
MAX	22 350

PREPARED BY	APPROVED BY	ZFW MAC	TOW MAC
		22.7%	24.3%

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