

# **L-DCS - Local Departure Control System**

**Edge Airport France**



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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

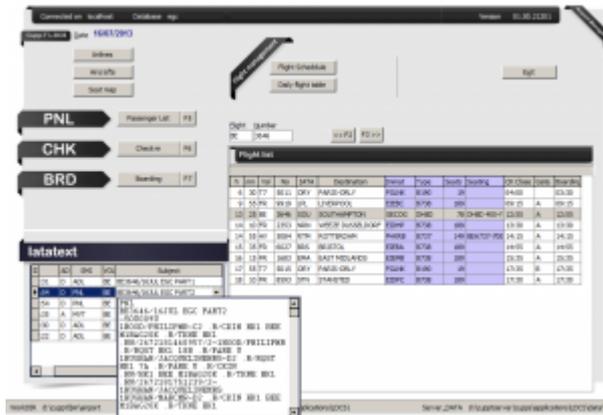
The L-DCS includes a «Weight & Balance» module, allowing the calculation of load and trim results. It calculates the load and trim and produces the plane loading expressed in %MAC. The results are sent in Excel spreadsheets, which produces a load sheet.

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

## LDCS - Main Screen

Flight list per day

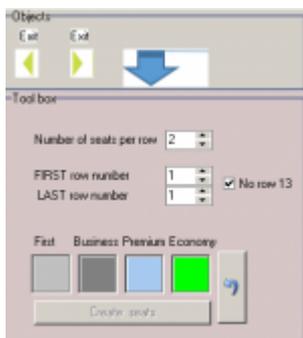
IATA Messages for each flight



## 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



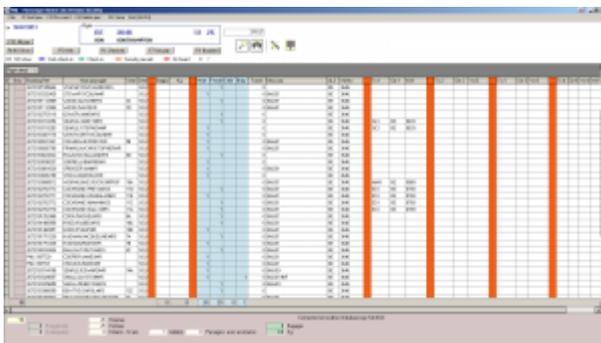


## PNL -Integrating passenger lists

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

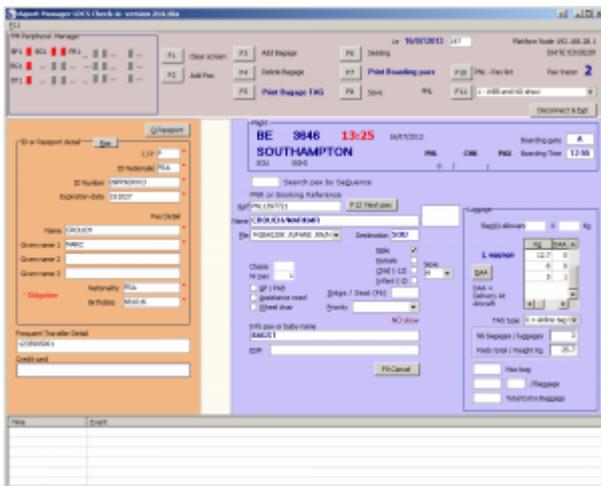
Passenger check-in, boarding passes and bag tags printing is facilitated by ergonomics of the software.

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

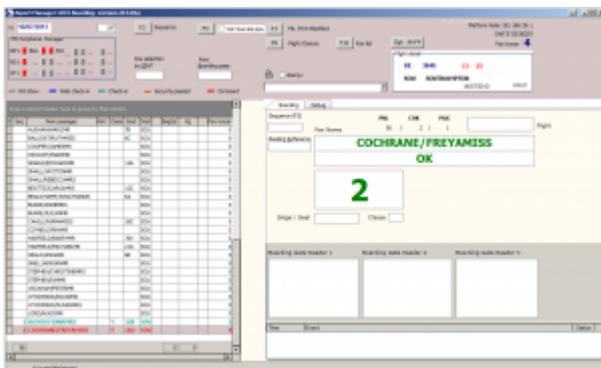
By reading a passenger's passport, the program will automatically find the flight on which the passenger is travelling.



## 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**

FLY No: \_\_\_\_\_ DATE: 28 Jan  
A/C: AIR 77-369 C/P: \_\_\_\_\_ CRW: \_\_\_\_\_

Basic weight: 12 200  
Contolled basic weight: 13 500  
TAKOFF FUEL: 2 200  
Operational weight: 15 700

DEST: PASSENGERS TOTAL WEIGHT: CARPOD: \_\_\_\_\_  
AD: CH: \_\_\_\_\_

MAX: \_\_\_\_\_

DESTINATION: ORY

Item	Max fuel	Takeoff	Landing
MAXIMUM WEIGHT	22 500	22 500	22 500
TAKOFF FUEL	2 200	2 200	2 200
LIBERTY (Constant of the 3)	22 500	22 500	22 500
OPERATIONAL WEIGHT	15 700	15 700	15 700
LOADING	0.00	0.00	0.420

BASIC INDEX: -13.55

LAST MINUTE CHANGE LIMC: \_\_\_\_\_

BASIC INDEX CORRECTION: 0.0

TOTAL LIMC: \_\_\_\_\_

LOADING INDEX: 12.80

LOADING INDEX GRAPH: \_\_\_\_\_

LOADING INDEX TABLE:

ZONE	NO	WEIGHT
ZONE A	10	1000
ZONE B	10	1000
ZONE C	10	1000
ZONE D	10	1000
ZONE E	10	1000
ZONE F	10	1000
ZONE G	10	1000
ZONE H	10	1000
ZONE I	10	1000
ZONE J	10	1000
ZONE K	10	1000
ZONE L	10	1000
ZONE M	10	1000
ZONE N	10	1000
ZONE O	10	1000
ZONE P	10	1000
ZONE Q	10	1000
ZONE R	10	1000
ZONE S	10	1000
ZONE T	10	1000
ZONE U	10	1000
ZONE V	10	1000
ZONE W	10	1000
ZONE X	10	1000
ZONE Y	10	1000
ZONE Z	10	1000

LOADING INDEX GRAPH: \_\_\_\_\_

LOADING INDEX TABLE:

Weight	Zone	Weight
1000	A	1000
2000	B	2000
3000	C	3000
4000	D	4000
5000	E	5000
6000	F	6000
7000	G	7000
8000	H	8000
9000	I	9000
10000	J	10000
11000	K	11000
12000	L	12000
13000	M	13000
14000	N	14000
15000	O	15000
16000	P	16000
17000	Q	17000
18000	R	18000
19000	S	19000
20000	T	20000
21000	U	21000
22000	V	22000
23000	W	23000
24000	X	24000
25000	Y	25000
26000	Z	26000

PREPARED BY: \_\_\_\_\_ APPROVED BY: \_\_\_\_\_

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