

# **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

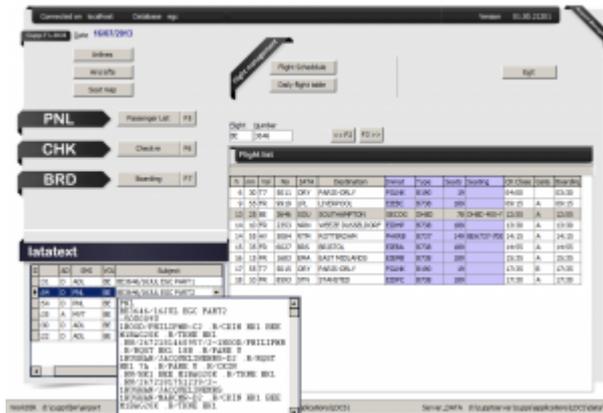
The L-DCS includes a «Weight & Balance» module, allowing the calculation of load and trim results. It calculates the load and trim and produces the plane loading expressed in %MAC. The results are sent in Excel spreadsheets, which produces a load sheet.

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

## LDCS - Main Screen

Flight list per day

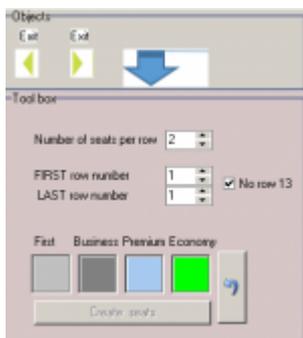
IATA Messages for each flight



## 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



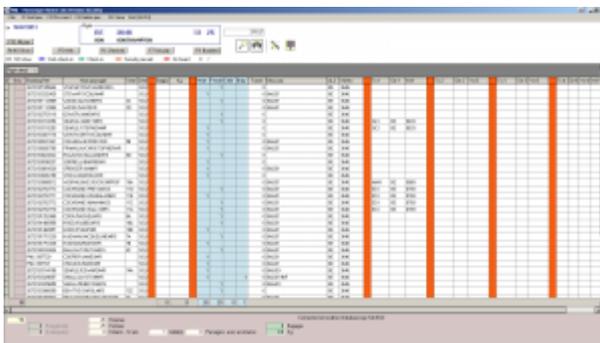


## PNL -Integrating passenger lists

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:

1. by passing the passenger's passport in the reader;
2. by partially composing first few letters of name;
3. 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.

The screenshot displays the 'Airport Manager LDCS Check-in version 214.10a' interface. At the top, it shows the date 'Le 16/07/2013' and 'Platform Node 192.168.28.1'. The main area is divided into several sections:

- PM Peripheral Manager:** A grid of status indicators for various peripheral devices (BP1, BG1, PR1, BT1).
- Flight Information:** Displays flight details for 'BE 3646' on '16/07/2013' to 'SOUTHAMPTON'. It includes boarding gate 'A' and boarding time '12:55'.
- Passport Detail (I/P):** Fields for ID Number (09PP60XXX3), Expiration date (191027), Name (CROUCH), Given names (MARC), Nationality (FRA), and Birthdate (681016).
- Pax Detail:** Fields for Name (CROUCH/MARKMR), File (M1BAG20K .R/FARE .RN/N), Destination (SOU), and Sex (Male).
- Luggage:** A table showing baggage details:
 

Kg	DAA
12.7	0
8	0
5	1

 Total weight is 25.7 Kg.
- PNL (Passenger Name List):** Shows 'BAGS1' as the info pax or baby name.

At the bottom, there is a table for 'Time' and 'Event'.

## 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.

Aiport Manager LDCS Boarding version 213.D1a  
 Platform Node 192.168.28.1  
 DMTE1CK00201  
 Pax tracer 4

Le 16/07/2013 197 F3 Sequence F5  Voir tous les pax F7 P.I.L. Print Manifest  
 F8 Flight Closure F10 Pax list Exit Alt F4

-PM Peripheral Manager  
 BP1 BG1 PR1 ...  
 BG1 ...  
 BT1 ...

Pax selection by SEAT  Print boarding pass   
 Aperçu

NO show  Web check-in  Check-in  Security passed  On board

Drag a column header here to group by that column

#	Seq	Nom passager	Nat	Class	Seat	Dest	Bag(s)	Kg	Pax tracer
		HUGHAN/MARCMR			7B	SOU			0
		BALLISAT/RUTHMISS			6C	SOU			0
		COOPER/JAMESMR				SOU			0
		CROUCH/MARKMR				SOU			0
		SEARLE/EDWARDMR			14A	SOU			0
		SMALL/JAYSTONMR				SOU			0
		SMALL/REBECCAMRS				SOU			0
		BEATTIE/CAROLMRS			12C	SOU			0
		BEAUCHAMP/JONATHANDR			6A	SOU			0
		BURKE/ANNEMRS				SOU			0
		BURKE/JULIANMR				SOU			0
		CAHILL/NIAMHMISS			18C	SOU			0
		COYNE/LORNAMS				SOU			0
		HARFIELD/BARRYMR			.RN	SOU			0
		HARFIELD/MICHAELMR			21A	SOU			0
		HEALD/ANNADR			6B	SOU			0
		SNELL/ADRIANMR				SOU			0
		STEPHEN/CHRISTINEMRS				SOU			0
		STEPHEN/IANMR				SOU			0
		WICKHAM/PETERMR				SOU			0
		WYCKMANS/DAVIDMR				SOU			0
		WYCKMANS/SUSANMRS				SOU			0
		LORD/HUGOMR				SOU			0
	1	BLOOD/FIONAMRS		Y	12B	SOU			2
	2	COCHRANE/FREYAMISS		Y	11D	SOU			4

Boarding Gate Reader 1 Boarding Gate Reader 2 Boarding Gate Reader 3

Sequence (F3) P.I.L. 56 / 2 / 1 CHK PAX Flight  
 Pax Name  
 Booking Reference **COCHRANE/FREYAMISS**  
**OK**  
**2**  
 Siège / Seat Classe

Time Event Status

d:\cuppt\bin\airport

## Loadsheet

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



# Edge Airport France

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