

L-DCS - Local Departure Control System

Edge Airport France

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Edge Airport France

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

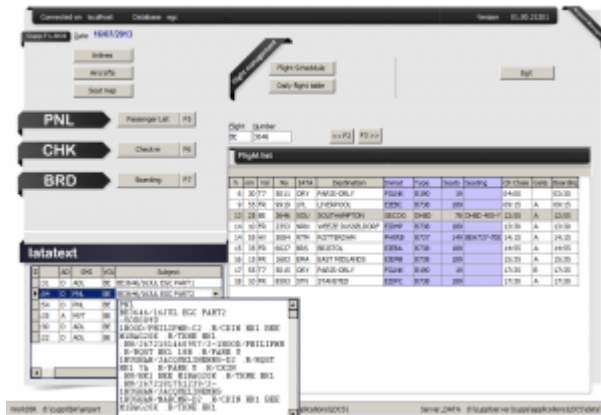
The L-DCS includes a «Weight & Balance» module, allowing the calculation of load and trim results. It calculates the load and trim and produces the plane loading expressed in %MAC. The results are sent in Excel spreadsheets, which produces a load sheet.

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

LDCS - Main Screen

Flight list per day

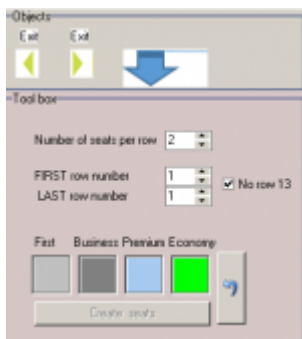
IATA Messages for each flight

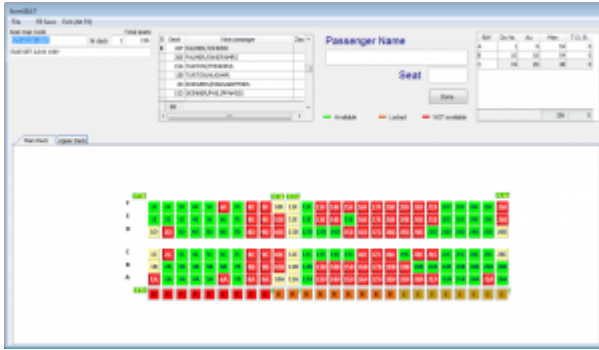


Cabin Plans

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



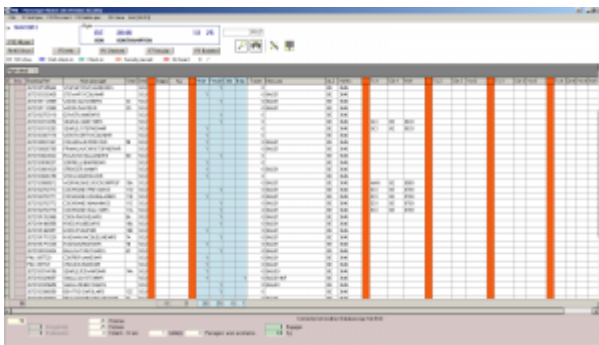


PNL -Integrating passenger lists

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.

PM Peripheral Manager

BP1 BG1 PR1 ...
 BG1 ...
 BT1 ...

F1 Clear screen F2 Add Pax F3 Add Bagage F4 Delete Bagage F5 Print Bagage TAG F6 Seating F7 Print Boarding pass F8 Save F9 Cancel F10 PNL - Pax list F11 1 - WEB and NO show

Le 16/07/2013 197 Platform Node 192.168.28.1 DMTE1CK00201 Pax tracer 2

Q Passport

ID or Passport detail Raz I / P *
 ID Nationalité FRA *
 ID Number 09PP60XXX3 *
 Expiration date 191027 *
 Pax Detail
 Name CROUCH *
 Given name 1 MARC *
 Given name 2 *
 Given name 3 *
 * Obligatoire Nationality FRA *
 Birthdate 681016 *
 Frequent Traveller Detail 1235995001
 Credit card

Flight

BE 3646 13:25 16/07/2013 Boarding gate A
 SOUTHAMPTON PNL CHK PAX Boarding Time 12:55
 SOU EGHI 0 / /

Search pax by Sequence
 PNR or Booking Reference
 Ref PNL1397721 F12 Next pax
 Name CROUCH/MARKMR
 File M1BAG20K .R/FARE .RN/N Destination SOU
 Classe Nr pax 1 Male Female Child (-12) Infant (-2) Sexe M
 GP / PAD Assistance need Wheel chair
 Siège / Seat (F6) Priority
 Info pax or baby name BAGS1
 PSM
 NO show

Luggage

Bag(s) allowant X Kg

Kg	DAA
12.7	0
8	0
5	1

 DAA = Delivery At Aircraft
 TAG type 0 = Airline tag 1
 Nb bagages / luggages 3
 Poids total / Weight Kg 25.7
 Max bag
 / Baggage
 Total Extra Baggage

Time	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.

Airport 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

Flight detail:
 BE 3646 13:25
 SOU SOUTHAMPTON
 16/07/2013 378127

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

Drag a column header here to group by that column

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.

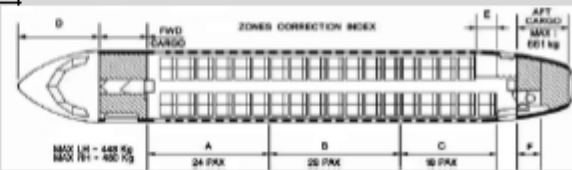
BASIC WEIGHT		13 411	FLT Nb:		
Corrections	crew	528	DATE: 24-dec		
Corrected basic weight		13 939	A/C: ATR72-500		
TAKEOFF FUEL +		2 230	CPT:		
Operational weight		16 169	CRW:		

LOAD AND TRIM SHEET F-LDCS

DEST		PASSENGERS			TOTAL WEIGHT	CARGO			DESTINATION: ORY			
AD	CH	TR	B	C		LH FWD	RH FWD	AFT	MAXIMUM WEIGHT	Zero fuel	Takeoff	Landing
0	0				0	0	0	0	20 800			22 350
									2 230	Trip fuel →		250
									23 030		22 500	22 600
									16 169		16 169	16 169
									6 881	6 331		6 431

BASIC INDEX	-12.55
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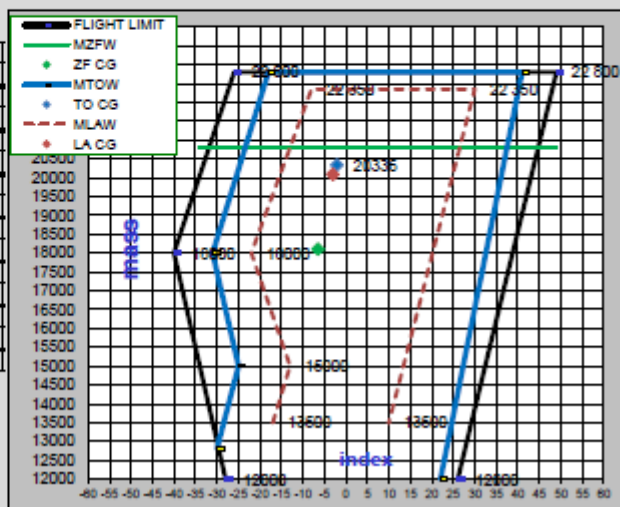
LAST MINUTE CHANGE LMC		BASIC INDEX CORRECTION		
DEST	WEIGHT	3rd crew mbr index		
		0.0		
TOTAL LMC +/-		INDEX CORRECTION		
	0			



ZONES	Nb	WEIGHT KG
CABIN A	18	1335
CABIN B	21	1380
CABIN C	12	913
FWD CARGO		220
AFT CARGO		330
FUEL		2 230

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