

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.

Objects

Exit Exit

Tool box

Number of seats per row:

FIRST row number: No row 13

LAST row number:

First Business Premium Economy

Create seats

formSEAT

File F8 Save Exit (Alt F4)

Seat map Code: Total seats: 156

Nr deck: 1

EASYJET A319 156Y

| Seat | Nom passenger | Clas |
|------|----------------------|------|
| 26F | PALMER/JOHNMR | |
| 26E | PALMER/SANDRAMRS | |
| 15A | TURTON/THEAMISS | |
| 15B | TURTON/HUGHMR | |
| 2D | RODGERS/MARGARETMRS | |
| 15D | SKINNER/PHILIPPAMISS | |
| 68 | | |

Passenger Name:

Seat:

Done

Available Locked NOT available

| BAY | Du No | Au | Max | T.O. B. |
|-----|-------|----|-----|---------|
| A | 1 | 9 | 54 | 0 |
| B | 10 | 18 | 54 | 0 |
| C | 19 | 26 | 48 | 0 |

Main Deck Upper Deck

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:

1. sequence number for the passengers checked-in online (web check-in);
2. name of each passenger and reservation reference or number on E-ticket;

3. seat number;
4. count of men, women, children (-12 years) and babies;
5. specific information (prepaid baggage, wheelchairs ...);
6. connecting flights (allows bag tag printing to the final destination).

| # | Seq | Booking Ref | Nom passager | Seat | Dest | Bag(s) | Kg | Male | Female | Child | Baby | Tracer | Infos pax | AL2 | Vol No | To 1 | Cie 1 | Vol 1 | To 2 | Cie 2 | Vol 2 | To 3 | Cie 3 | Vol 3 | To 4 | Cie 4 | Vol 4 | Vol 5 | |
|----------------|-----|-------------|------------------------|------|------|--------|----|------|--------|-------|------|--------|-------------|-----|---------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|-------|--|
| 2672181545644 | | | STAPLETON/CLAIREMISS | | SOU | | | | | 1 | | | 0 | | BE 3646 | | | | | | | | | | | | | | |
| 2672183332435 | | | STEWART/COLINMR | | SOU | | | | 1 | | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |
| 2672181112909 | | | WOOD/ALISONMRS | 3C | SOU | | | | | 1 | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |
| 2672181112908 | | | WOOD/D/AVIDDR | 3D | SOU | | | | | | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |
| 2672182753110 | | | GOWER/JANEMRS | | SOU | | | | | 1 | | | 0 | | BE 3646 | | | | | | | | | | | | | | |
| 2672183313254 | | | SEARLE/JANEMRS | | SOU | | | | | 1 | | | 0 | | BE 3646 | GCI | BE | 0633 | | | | | | | | | | | |
| 2672183313253 | | | SEARLE/STEPHENMR | | SOU | | | | 1 | | | | 0 | | BE 3646 | GCI | BE | 0633 | | | | | | | | | | | |
| 2672183307176 | | | WENTWORTH/COLINMR | | SOU | | | | | 1 | | | 0 | | BE 3646 | | | | | | | | | | | | | | |
| 2672180931341 | | | COULING/JEFFREYMR | 5B | SOU | | | | | 1 | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |
| 2672180926795 | | | FRANKLIN/CHRISTOPHERMR | | SOU | | | | 1 | | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |
| 2672183024322 | | | RAWLINS/GILLIANMRS | 8D | SOU | | | | | 1 | | | 0 | | BE 3646 | | | | | | | | | | | | | | |
| 2672183038237 | | | SOPRELL/BARRIEMR | | SOU | | | | 1 | | | | 0 | | BE 3646 | | | | | | | | | | | | | | |
| 2672183001629 | | | SPENCER/IANMR | | SOU | | | | 1 | | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |
| 26721830025158 | | | STEELE/ANDREWMR | | SOU | | | | 1 | | | | 0 | | BE 3646 | | | | | | | | | | | | | | |
| 2672183008512 | | | WEIR/HUGHES/DICKONPROF | 16A | SOU | | | | | | | | 0 BAGS1 | | BE 3646 | MAN | BE | 0669 | | | | | | | | | | | |
| 2672182702773 | | | COCHRANE/FREYAMISS | 11D | SOU | | | | | 1 | | | 0 BAGS1 | | BE 3646 | EDI | BE | 0769 | | | | | | | | | | | |
| 2672182702771 | | | COCHRANE/JOHANLANMR | 11B | SOU | | | | | 1 | | | 0 BAGS1 | | BE 3646 | EDI | BE | 0769 | | | | | | | | | | | |
| 2672182702772 | | | COCHRANE/NIAMHMIS | 11C | SOU | | | | | 1 | | | 0 BAGS1 | | BE 3646 | EDI | BE | 0769 | | | | | | | | | | | |
| 2672182702770 | | | COCHRANE/SALLYMRS | 11A | SOU | | | | | 1 | | | 0 BAGS1 | | BE 3646 | EDI | BE | 0769 | | | | | | | | | | | |
| 2672181252466 | | | COOK/RACHELMRS | 5A | SOU | | | | | 1 | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |
| 2672181460956 | | | HOOD/SABELMRS | 19A | SOU | | | | | 1 | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |
| 2672181460957 | | | HOOD/PHILPMR | 19B | SOU | | | | 1 | | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |
| 2672181751239 | | | HUGHAN/JACQUELINEMRS | 7A | SOU | | | | | 1 | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |
| 2672181751238 | | | HUGHAN/MARCMR | 7B | SOU | | | | | 1 | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |
| 267218033424 | | | BALLSAT/RUTHMISS | 6C | SOU | | | | | 1 | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |
| PNL1397720 | | | COOPER/JAMESMR | | SOU | | | | | 1 | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |
| PNL1397721 | | | CROUCH/MARKMR | | SOU | | | | | 1 | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |
| 2672183314156 | | | SEARLE/EDWARDMR | 14A | SOU | | | | | 1 | | | 0 BAGS9 | | BE 3646 | | | | | | | | | | | | | | |
| 2672183329657 | | | SMALL/JAYSTONMR | | SOU | | | | | 1 | | | 0 BAGS9 INF | | BE 3646 | | | | | | | | | | | | | | |
| 2672183329658 | | | SMALL/REBECCAMRS | | SOU | | | | | 1 | | | 0 BAGS9 | | BE 3646 | | | | | | | | | | | | | | |
| 2672183300050 | | | BEATTIE/CARDLMRS | 12C | SOU | | | | | 1 | | | 0 | | BE 3646 | | | | | | | | | | | | | | |
| 2672180939277 | | | BEALCHAMR/DONATHANMR | 1A | SOU | | | | | 1 | | | 0 BAGS1 | | BE 3646 | | | | | | | | | | | | | | |

Check-in

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

Passenger check-in 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.

Aiport Manager LDCS Check-in version 214.10a

E11

PM Peripheral Manager

BP1 BG1 PR1 ...

BG1 ...

BT1 ...

F1 Clear screen F3 Add Bagage F6 Seating

F2 Add Pax F4 Delete Bagage F7 Print Boarding pass F10 PNL - Pax list Pax tracer **2**

F5 Print Bagage TAG F8 Save PNL F11 1 - WEB and NO show

Disconnect & Exit

Le **16/07/2013** 197 Platform Node 192.168.28.1 DMTE1CK00201

ID or Passport detail

I / P

ID Nationalité

ID Number

Expiration date

Pax Detail

Name

Given name 1

Given name 2

Given name 3

* Obligatoire Nationality

Birthdate

Frequent Traveller Detail

Credit card

Flight

BE 3646 13:25 16/07/2013 Boarding gate

SOUTHAMPTON PNL CHK PAX Boarding Time

SOU ECHI 0 / /

Search pax by Sequence

PNR or Booking Reference

Ref

Name

File Destination

Male Female Sexe

Child (-12) Infant (-2)

Classe Nr pax

GP / PAD Assistance need Wheel chair

Siège / Seat (F6) Priority

Info pax or baby name

PSM

Luggage

Bag(s) allowance X Kg

| Kg | DAA |
|------|-----|
| 12.7 | 0 |
| 8 | 0 |
| 5 | 1 |

DAA = Delivery At Aircraft

TAG type

Nb bagages / luggages

Poids total / Weight Kg

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
 Le 16/07/2013 197 F3 Sequence F5 Voir tous les pax F7 PIL Print Manifest Platform Node 192.168.28.1
 DMTE1CK00201 Pax tracer 4
 BP1 BG1 PR1 ...
 BG1 ...
 BT1 ...
 Pax selection by SEAT Print Boarding pass
 F8 Flight Closure F10 Pax list Exit Alt F4
 Flight detail: BE 3646 13:25
 SOU SOUTHAMPTON 16/07/2013 378127
 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/NILIAMHMISS | | | 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 Debug
 Sequence (F3) PNL CHK PAX Pax Name 56 / 2 / 1 Flight
 Booking Reference COCHRANE/FREYAMISS OK
 2
 Siège / Seat Classe
 Boarding Gate Reader 1 Boarding Gate Reader 2 Boarding Gate Reader 3
 Time Event Status

d:\cupot\bin\airport

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 | | 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: _____ | | | | | |
| DESTINATION: ORY | | | | | | | |
| DEST | PASSENGERS AD CH | TOTAL WEIGHT | CARGO LH FWD RH FWD AFT | MAXIMUM WEIGHT | Zero fuel 20 800 | Takeoff 22 800 | Landing 22 350 |
| | | | | TAKEOFF FUEL | 2 230 | 22 500 | 22 350 |
| HAH | 0 0 | 0 | 0 0 0 | LIMITATION (Lowest of the 3) | 23 030 | 22 500 | 22 600 |
| | | | | OPERATIONAL WEIGHT | 16 169 | 16 169 | 16 169 |
| | | | | LOADING | 8 861 | 8 331 | 6 431 |
| | | | | BASIC INDEX | -12.55 | | |

| | | | |
|-------------------------------|---------------|-------------------------------|-------|
| LAST MINUTE CHANGE LMC | | BASIC INDEX CORRECTION | |
| DEST SPECIFICATION | CL OPT WEIGHT | 3rd crew mbr index | 0.0 |
| TOTAL LMC +/- 0 | | WEIGHT VARIATION | |
| | | D | E |
| | | + 10 KG -0.29 | +0.46 |
| | | - 10 KG +0.29 | -0.46 |
| | | INDEX CORRECTION | |
| | | 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 | 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% |

From: <https://edgeairport.alwaysdata.net/wiki/> - Documentation Embross (ex Edge Airport)

Permanent link: <https://edgeairport.alwaysdata.net/wiki/doku.php?id=en:solutions:ldcsmenu:presldcs&rev=1504796233>

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Edge Airport France

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