

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

Fonctionnalités :

- intégration des messages IATA , PNL, ADL ... ;
- gestion graphique des plans cabines ;
- traçabilité des passagers (PAXTracer) ;
- APIS et EBorders ;
- génération et envoi des messages opérationnels PFS, LDM, FTL, ETL ... ;
- réconciliation des bagages ;
- Weight & Balance ;
- génération des loadsheets.

Description

Airport Manager LDCS est un système d'enregistrement automatique des passagers. Chaque banque d'enregistrement peut gérer simultanément plusieurs vols.

Le programme est compatible avec l'utilisation de multiples périphériques CUPPS :

- MS Lecteurs de passeport (Optical Character Reader) ;
- OC : Lecteurs de cartes magnétiques (Magnetic Swipe Reader) ;
- BC : Lecteurs de code-barres ;
- BP : Imprimantes cartes d'accès à bord (CAB) ;
- BT : Imprimantes étiquettes bagages (TAG) ;
- BG : Lecteurs de cartes d'embarquement (BGR) ;
- PR : Imprimantes documents de vols.

LDCS - Ecran principal

Messages IATA de chaque vol

Liste des vols du jour

Plans cabines

L'outil graphique permet de créer facilement des plans cabines :

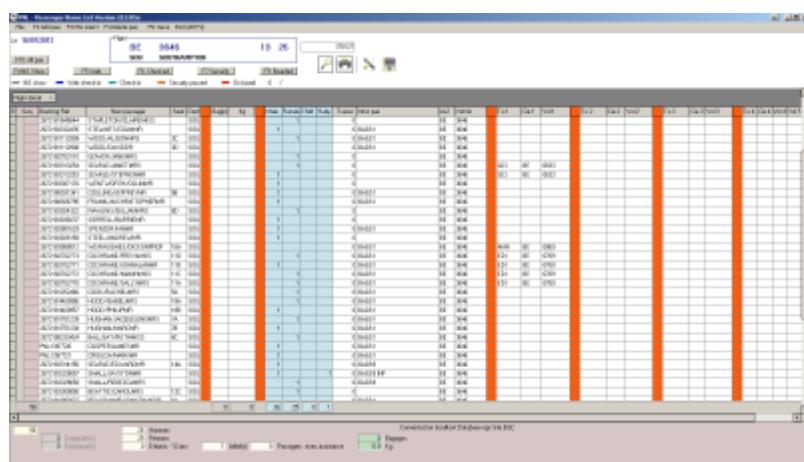
- gestion de 2 ponts (principal et supérieur (B747 ou A380)) ;
 - multi-classes de passagers ;
 - positionnement des issues de secours ;
 - blocage de sièges ;
 - gestion des zones.

PNL - Intégration des listes de passagers

Le programme intègre les messages PNL et ADL et génère ainsi la liste des passagers. Avec cet outil, la préparation des vols sur le L-DCS ne prend que quelques minutes.

Les points forts de cette fonctionnalité sont la récupération automatique des données suivantes :

- n° de séquence pour les passagers enregistrés sur internet (web check-in) ;
- nom de chaque passager et référence de réservation ou n° de E-ticket ;
- n° de siège ;
- comptage des hommes, femmes, enfants (-12 ans) et bébés ;
- informations particulières (bagages prépayés, chaise roulante, ...) ;
- vols en correspondance (permet d'imprimer les étiquettes bagages jusqu'à la destination finale).



Check-in

Enregistrer les passagers, imprimer les cartes d'embarquement et les étiquettes bagages sont facilités par l'ergonomie du logiciel.

La recherche du passager peut s'effectuer de plusieurs façons :

- en passant le passeport du passager dans le lecteur prévu à cet effet ;
- en composant partiellement le début de son nom ;
- en affichant la liste des passagers (PNL).

Sélection automatique du vol

En lisant le passeport d'un passager, le programme retrouve automatiquement le vol sur lequel le passager voyage.

Passenger Record (BE 3646 13:25):

- ID or Passport detail:** ID Number: 099999999, Expiration date: 19/03/27
- Pass Detail:** Name: COUCH, Given name 1: MARC, Given name 2: , Given name 3: , Nationality: PRA, Birthdate: 01/01/58
- Passenger Detail:** Ref: 12345678901, Credit: , Present Traveler Detail: 123456789011
- Flight:** BE 3646 13:25 (16/07/2013) from SOU to SFO, Boarding gate: A, Boarding time: 12:55
- Luggage:** 3 bags (12.7 kg total) with details: DAA (12.7 kg), DAA (0 kg), DAA (5.1 kg)
- Passenger Type:** Adult (1), Male, No assistance needed, Age: 60, Seat: 1A, Priority: , Infants: 0, Children: 0, Adults: 1, Wheelchair: No
- Ref ID:** 12345678901, PNR: 12345678901, SPM: 12345678901

Boarding

Le L-DCS offre la possibilité de connecter jusqu'à 3 BGR permettant ainsi de réaliser des embarquements rapides. Le 3^{ème} BGR peut être un lecteur de CAB sans fil ou encore une porte automatique.

Le logiciel peut aussi être utilisé sans BGR. Il suffit de taper le n° de séquence de chaque carte d'embarquement pour embarquer un passager.

Passenger Record (COCHRANE/FREYAMISS):

- Passenger Name:** COCHRANE/FREYAMISS, Booking Reference: OK
- Boarding Sequence:** 2

Passenger List:

Passenger Name	Passenger ID	Passenger Type	Passenger Status
ALICE ALEXANDER	12345678901	Adult	OK
CHARLES ALEXANDER	12345678902	Adult	OK
CHRISTIAN ALEXANDER	12345678903	Adult	OK
DAVID ALEXANDER	12345678904	Adult	OK
ELIZABETH ALEXANDER	12345678905	Adult	OK
FRANCIS ALEXANDER	12345678906	Adult	OK
GEORGE ALEXANDER	12345678907	Adult	OK
JOHN ALEXANDER	12345678908	Adult	OK
KAREN ALEXANDER	12345678909	Adult	OK
LUCAS ALEXANDER	12345678910	Adult	OK
MICHAEL ALEXANDER	12345678911	Adult	OK
PAUL ALEXANDER	12345678912	Adult	OK
ROBERT ALEXANDER	12345678913	Adult	OK
SARAH ALEXANDER	12345678914	Adult	OK
THOMAS ALEXANDER	12345678915	Adult	OK
WILLIAM ALEXANDER	12345678916	Adult	OK
ALICE ALEXANDER	12345678917	Adult	OK
CHARLES ALEXANDER	12345678918	Adult	OK
CHRISTIAN ALEXANDER	12345678919	Adult	OK
DAVID ALEXANDER	12345678920	Adult	OK
ELIZABETH ALEXANDER	12345678921	Adult	OK
FRANCIS ALEXANDER	12345678922	Adult	OK
GEORGE ALEXANDER	12345678923	Adult	OK
JOHN ALEXANDER	12345678924	Adult	OK
KAREN ALEXANDER	12345678925	Adult	OK
LUCAS ALEXANDER	12345678926	Adult	OK
MICHAEL ALEXANDER	12345678927	Adult	OK
PAUL ALEXANDER	12345678928	Adult	OK
ROBERT ALEXANDER	12345678929	Adult	OK
SARAH ALEXANDER	12345678930	Adult	OK
THOMAS ALEXANDER	12345678931	Adult	OK
WILLIAM ALEXANDER	12345678932	Adult	OK
ALICE ALEXANDER	12345678933	Adult	OK
CHARLES ALEXANDER	12345678934	Adult	OK
CHRISTIAN ALEXANDER	12345678935	Adult	OK
DAVID ALEXANDER	12345678936	Adult	OK
ELIZABETH ALEXANDER	12345678937	Adult	OK
FRANCIS ALEXANDER	12345678938	Adult	OK
GEORGE ALEXANDER	12345678939	Adult	OK
JOHN ALEXANDER	12345678940	Adult	OK
KAREN ALEXANDER	12345678941	Adult	OK
LUCAS ALEXANDER	12345678942	Adult	OK
MICHAEL ALEXANDER	12345678943	Adult	OK
PAUL ALEXANDER	12345678944	Adult	OK
ROBERT ALEXANDER	12345678945	Adult	OK
SARAH ALEXANDER	12345678946	Adult	OK
THOMAS ALEXANDER	12345678947	Adult	OK
WILLIAM ALEXANDER	12345678948	Adult	OK
ALICE ALEXANDER	12345678949	Adult	OK
CHARLES ALEXANDER	12345678950	Adult	OK
CHRISTIAN ALEXANDER	12345678951	Adult	OK
DAVID ALEXANDER	12345678952	Adult	OK
ELIZABETH ALEXANDER	12345678953	Adult	OK
FRANCIS ALEXANDER	12345678954	Adult	OK
GEORGE ALEXANDER	12345678955	Adult	OK
JOHN ALEXANDER	12345678956	Adult	OK
KAREN ALEXANDER	12345678957	Adult	OK
LUCAS ALEXANDER	12345678958	Adult	OK
MICHAEL ALEXANDER	12345678959	Adult	OK
PAUL ALEXANDER	12345678960	Adult	OK
ROBERT ALEXANDER	12345678961	Adult	OK
SARAH ALEXANDER	12345678962	Adult	OK
THOMAS ALEXANDER	12345678963	Adult	OK
WILLIAM ALEXANDER	12345678964	Adult	OK
ALICE ALEXANDER	12345678965	Adult	OK
CHARLES ALEXANDER	12345678966	Adult	OK
CHRISTIAN ALEXANDER	12345678967	Adult	OK
DAVID ALEXANDER	12345678968	Adult	OK
ELIZABETH ALEXANDER	12345678969	Adult	OK
FRANCIS ALEXANDER	12345678970	Adult	OK
GEORGE ALEXANDER	12345678971	Adult	OK
JOHN ALEXANDER	12345678972	Adult	OK
KAREN ALEXANDER	12345678973	Adult	OK
LUCAS ALEXANDER	12345678974	Adult	OK
MICHAEL ALEXANDER	12345678975	Adult	OK
PAUL ALEXANDER	12345678976	Adult	OK
ROBERT ALEXANDER	12345678977	Adult	OK
SARAH ALEXANDER	12345678978	Adult	OK
THOMAS ALEXANDER	12345678979	Adult	OK
WILLIAM ALEXANDER	12345678980	Adult	OK
ALICE ALEXANDER	12345678981	Adult	OK
CHARLES ALEXANDER	12345678982	Adult	OK
CHRISTIAN ALEXANDER	12345678983	Adult	OK
DAVID ALEXANDER	12345678984	Adult	OK
ELIZABETH ALEXANDER	12345678985	Adult	OK
FRANCIS ALEXANDER	12345678986	Adult	OK
GEORGE ALEXANDER	12345678987	Adult	OK
JOHN ALEXANDER	12345678988	Adult	OK
KAREN ALEXANDER	12345678989	Adult	OK
LUCAS ALEXANDER	12345678990	Adult	OK
MICHAEL ALEXANDER	12345678991	Adult	OK
PAUL ALEXANDER	12345678992	Adult	OK
ROBERT ALEXANDER	12345678993	Adult	OK
SARAH ALEXANDER	12345678994	Adult	OK
THOMAS ALEXANDER	12345678995	Adult	OK
WILLIAM ALEXANDER	12345678996	Adult	OK
ALICE ALEXANDER	12345678997	Adult	OK
CHARLES ALEXANDER	12345678998	Adult	OK
CHRISTIAN ALEXANDER	12345678999	Adult	OK
DAVID ALEXANDER	12345678900	Adult	OK
ELIZABETH ALEXANDER	12345678901	Adult	OK
FRANCIS ALEXANDER	12345678902	Adult	OK
GEORGE ALEXANDER	12345678903	Adult	OK
JOHN ALEXANDER	12345678904	Adult	OK
KAREN ALEXANDER	12345678905	Adult	OK
LUCAS ALEXANDER	12345678906	Adult	OK
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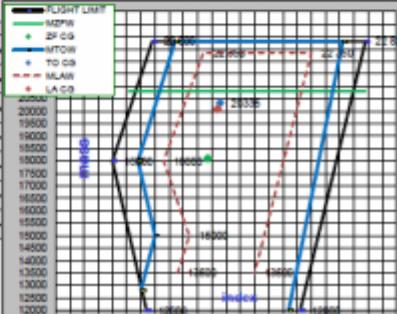
L'utilisation du module « Weight & Balance » est soumise à des conditions de certification entre Edge-airport et les Compagnies aériennes.

Loadsheet

Pour les compagnies certifiées sur le système « Weight & Balance », il est possible de générer les loadsheet dans des fichiers Excel.

BASIC WEIGHT		13 411	FLT Nbr:						
Corrections	crew	528	DATE: 24-dec						
+			A/C: ATR72-500						
Corrected basic weight		13 939	CPT:						
TAKEOFF FUEL +		2 230	CRW:						
Operational weight		16 169	DESTINATION: ORY						
DEST	PASSENGERS	TOTAL WEIGHT	CARGO						
			AD	CH	UPTIME	DEFL	APT		
HAH		0	0	0	0	MAXIMUM WEIGHT	20 800	Takeoff	22 350
							0	0	2 230
			LIMITATION (Lowest of the 3)		23 030	22 500	22 400		
			OPERATIONAL WEIGHT		16 169	16 169	16 169		
			LOADING		8 851	8 331	8 431		
			BASIC INDEX		-12.55				
			INDEX CORRECTION						
			3rd crew mbr		8.0				
			INDEX						
			WEIGHT VARIATION		ZONES				
			10 KG		D E F				
			-10 KG		0.00 -0.40 -0.60				
			INDEX CORRECTION						
			INDEX		-12.00				
			CORRECTED INDEX		-12.00				
			ZONES		Nb	weight kg			
			CABIN A		18	1336			
			CABIN B		21	1500			
			CABIN C		12	913			
			FWD CARGO		220				
			AFT CARGO		330				
			FUEL		2 230				
			Cargo weight (KG) A		550				
			Passenger weight (KG) B		3 617	Corrected weight			
			LOADING A + B		4 167				
			CORRECTED BASIC WEIGHT		13 939				
			ZERO FUEL WEIGHT		18 166				
			MAX		20 800				
			TAKEOFF FUEL		2 230				
			MAX		22 350				
			TAKEOFF WEIGHT		20 336				
			MAX		22 400				
			TRIP FUEL		250				
			MAX		22 500				
			LANDING WEIGHT		20 586				
			MAX		22 350				
PREPARED BY		APPROVED BY	ZFW MAC		22.7%				
			14% altitude		31%				
			TOW MAC		24.3%				

FLIGHT LIMIT



The graph displays weight (kg) on the y-axis (12000 to 20000) against index on the x-axis (40 to 100). It shows three curves: ZFW (green), TOW (blue), and L-DCS (red). The ZFW curve starts at index 40 with a weight of 18166 kg and ends at index 100 with a weight of 22350 kg. The TOW curve starts at index 40 with a weight of 2230 kg and ends at index 100 with a weight of 250 kg. The L-DCS curve starts at index 40 with a weight of 13939 kg and ends at index 100 with a weight of 20586 kg. The graph also shows a vertical dashed line at index 55 and a horizontal dashed line at weight 20336 kg.

From:

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Edge Airport France SAS au capital de 150 000 €

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