AOE Mobile as CSA-Tool

T-Systems Airport User Days & Conference |
September, 7-8 2023

T Systems Let's power higher performance

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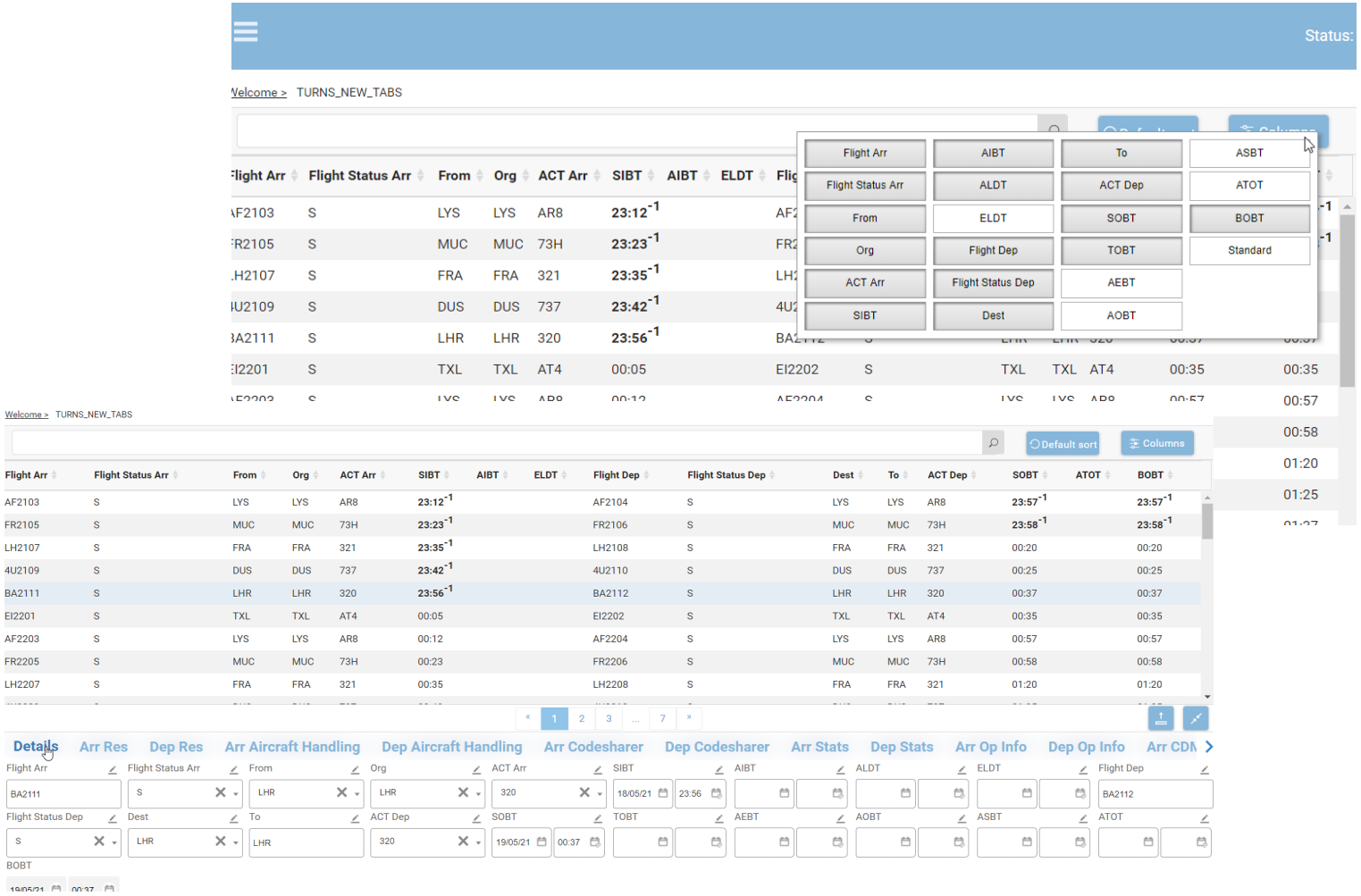
CDM Use Case in AOE Mobile

- A-CDM Information Sharing ideology
- Timestamp updates
- DPI Messages
- Alarms
- Milestone Approach visibility
- Registration Updates



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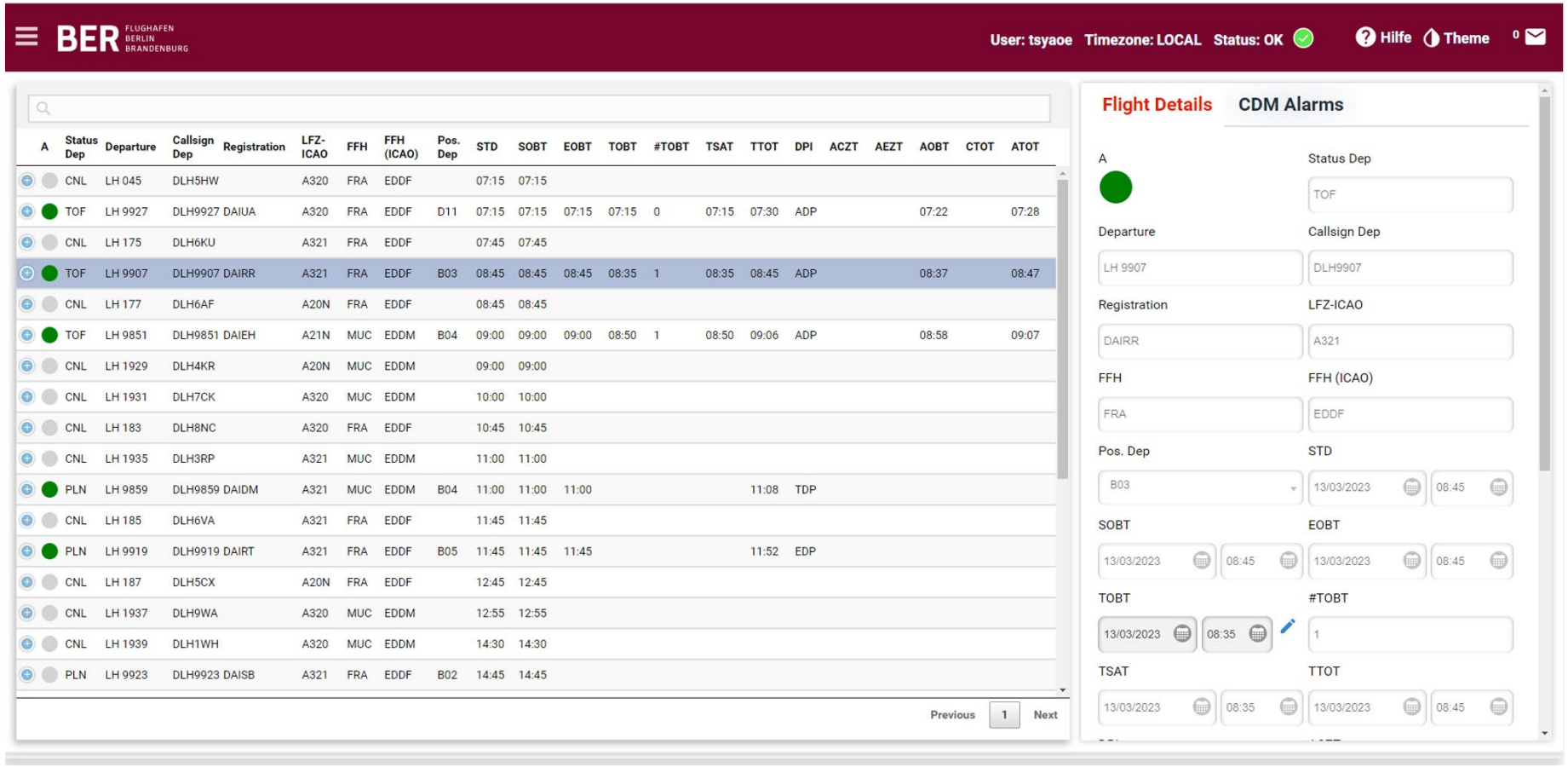
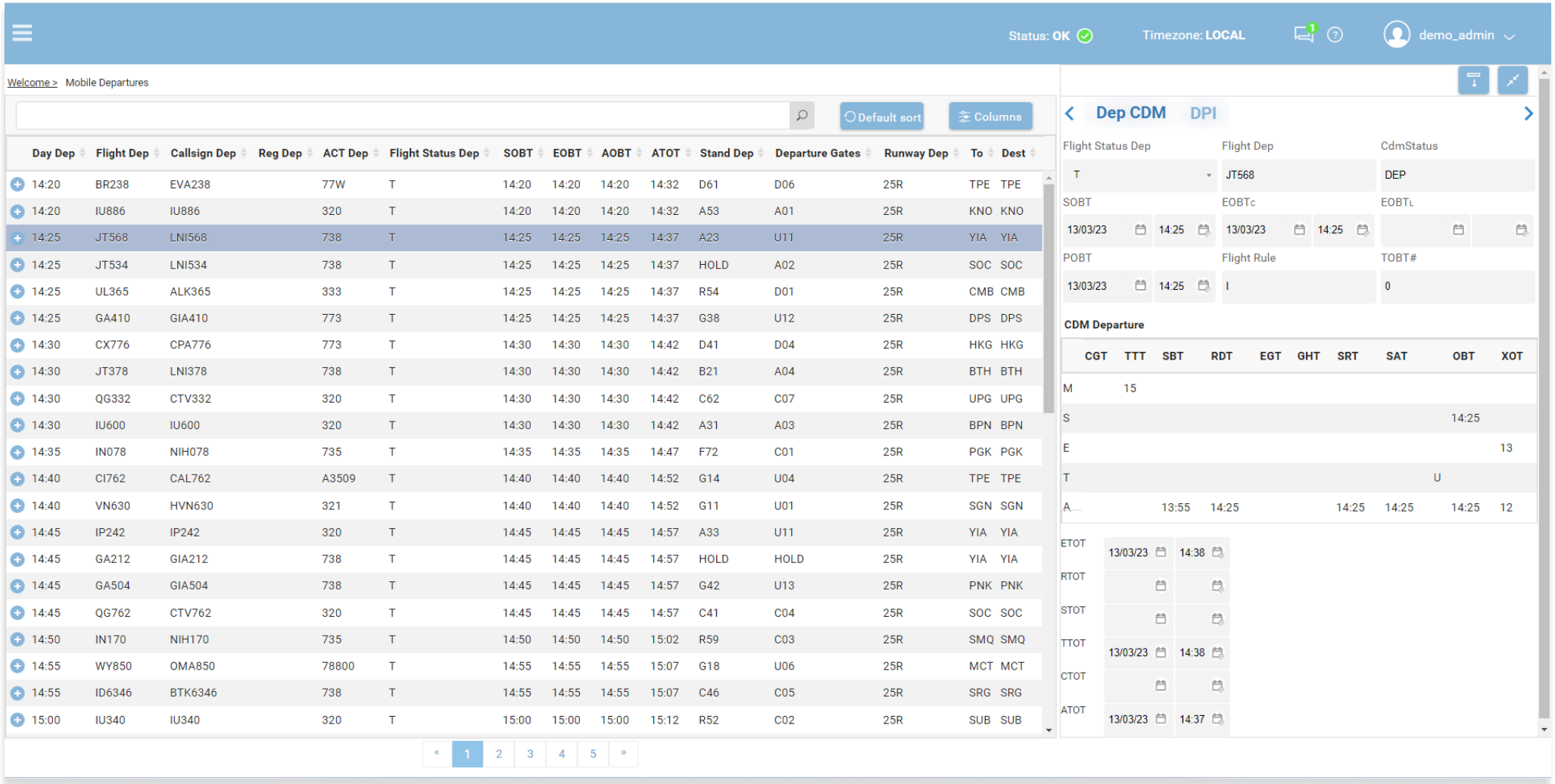
A-CDM Timestamps



A	Status Dep	Departure	Callsign Dep	Registration	LFZ-ICAO	FFH	FFH (ICAO)	Pos. Dep	STD	SOBT	EOBT	TOBT	#TOBT	TSAT	TTOT	DPI	ACZT	AEZT	AOBT	CTOT	ATOT
	CNL	LH 045	DLH5HW		A320	FRA	EDDF		07:15	07:15											
	TOF	LH 9927	DLH9927	DAIUA	A320	FRA	EDDF	D11	07:15	07:15	07:15	07:15	0	07:15	07:30	ADP			07:22		07:28
	CNL	LH 175	DLH6KU		A321	FRA	EDDF		07:45	07:45											
	TOF	LH 9907	DLH9907	DAIRR	A321	FRA	EDDF	B03	08:45	08:45	08:45	08:35	1	08:35	08:45	ADP			08:37		08:47
	CNL	LH 177	DLH6AF		A20N	FRA	EDDF		08:45	08:45											
	TOF	LH 9851	DLH9851	DAIEH	A21N	MUC	EDDM	B04	09:00	09:00	09:00	08:50	1	08:50	09:06	ADP			08:58		09:07
	CNL	LH 1929	DLH4KR		A20N	MUC	EDDM		09:00	09:00											
	CNL	LH 1931	DLH7CK		A320	MUC	EDDM		10:00	10:00											
	CNL	LH 183	DLH8NC		A320	FRA	EDDF		10:45	10:45											
	CNL	LH 1935	DLH3RP		A321	MUC	EDDM		11:00	11:00											
	PLN	LH 9859	DLH9859	DAIDM	A321	MUC	EDDM	B04	11:00	11:00	11:00				11:08	TDP					
	CNL	LH 185	DLH6VA		A321	FRA	EDDF		11:45	11:45											
	PLN	LH 9919	DLH9919	DAIRT	A321	FRA	EDDF	B05	11:45	11:45	11:45				11:52	EDP					
	CNL	LH 187	DLH5CX		A20N	FRA	EDDF		12:45	12:45											
	CNL	LH 1937	DLH9WA		A320	MUC	EDDM		12:55	12:55											
	CNL	LH 1939	DLH1WH		A320	MUC	EDDM		14:30	14:30											
	PLN	LH 9923	DLH9923	DAISB	A321	FRA	EDDF	B02	14:45	14:45											

Departures CDM



Day Dep	Flight Dep	Callsign Dep	Reg Dep	ACT Dep	Flight Status Dep	SOBT	EOBT	AOBT	ATOT	Stand Dep	Departure Gates	Runway Dep	To	Dest
14:20	BR238	EVA238		77W	T	14:20	14:20	14:20	14:32	D61	D06	25R	TPE	TPE
14:20	IU886	IU886		320	T	14:20	14:20	14:20	14:32	A53	A01	25R	KNO	KNO
14:25	JT568	LNI568		738	T	14:25	14:25	14:25	14:37	A23	U11	25R	YIA	YIA
14:25	JT534	LNI534		738	T	14:25	14:25	14:25	14:37	HOLD	A02	25R	SOC	SOC
14:25	UL365	ALK365		333	T	14:25	14:25	14:25	14:37	R54	D01	25R	CMB	CMB
14:25	GA410	GIA410		773	T	14:25	14:25	14:25	14:37	G38	U12	25R	DPS	DPS
14:30	CX776	CPA776		773	T	14:30	14:30	14:30	14:42	D41	D04	25R	HKG	HKG
14:30	JT378	LNI378		738	T	14:30	14:30	14:30	14:42	B21	A04	25R	BTH	BTH
14:30	QG332	CTV332		320	T	14:30	14:30	14:30	14:42	C62	C07	25R	UPG	UPG
14:30	IU600	IU600		320	T	14:30	14:30	14:30	14:42	A31	A03	25R	BPN	BPN
14:35	IN078	NIH078		735	T	14:35	14:35	14:35	14:47	F72	C01	25R	PGK	PGK
14:40	CI762	CAL762		A3509	T	14:40	14:40	14:40	14:52	G14	U04	25R	TPE	TPE
14:40	VN630	HVN630		321	T	14:40	14:40	14:40	14:52	G11	U01	25R	SGN	SGN
14:45	IP242	IP242		320	T	14:45	14:45	14:45	14:57	A33	U11	25R	YIA	YIA
14:45	GA212	GIA212		738	T	14:45	14:45	14:45	14:57	HOLD	HOLD	25R	YIA	YIA
14:45	GA504	GIA504		738	T	14:45	14:45	14:45	14:57	G42	U13	25R	PNK	PNK
14:45	QG762	CTV762		320	T	14:45	14:45	14:45	14:57	C41	C04	25R	SOC	SOC
14:50	IN170	NIH170		735	T	14:50	14:50	14:50	15:02	R59	C03	25R	SMQ	SMQ
14:55	WY850	OMA850		78800	T	14:55	14:55	14:55	15:07	G18	U06	25R	MCT	MCT
14:55	ID6346	BTK6346		738	T	14:55	14:55	14:55	15:07	C46	C05	25R	SRG	SRG
15:00	IU340	IU340		320	T	15:00	15:00	15:00	15:12	R52	C02	25R	SUB	SUB

« 1 2 3 4 5 »

CGT	TTT	SBT	RDT	EGT	GHT	SRT	SAT	OBT	XOT
M	15								
S								14:25	
E									13
T								U	
A		13:55	14:25			14:25	14:25	14:25	12

ETOT	13/03/23	14:38
RTOT		
STOT		
TTOT	13/03/23	14:38
CTOT		
ATOT	13/03/23	14:37

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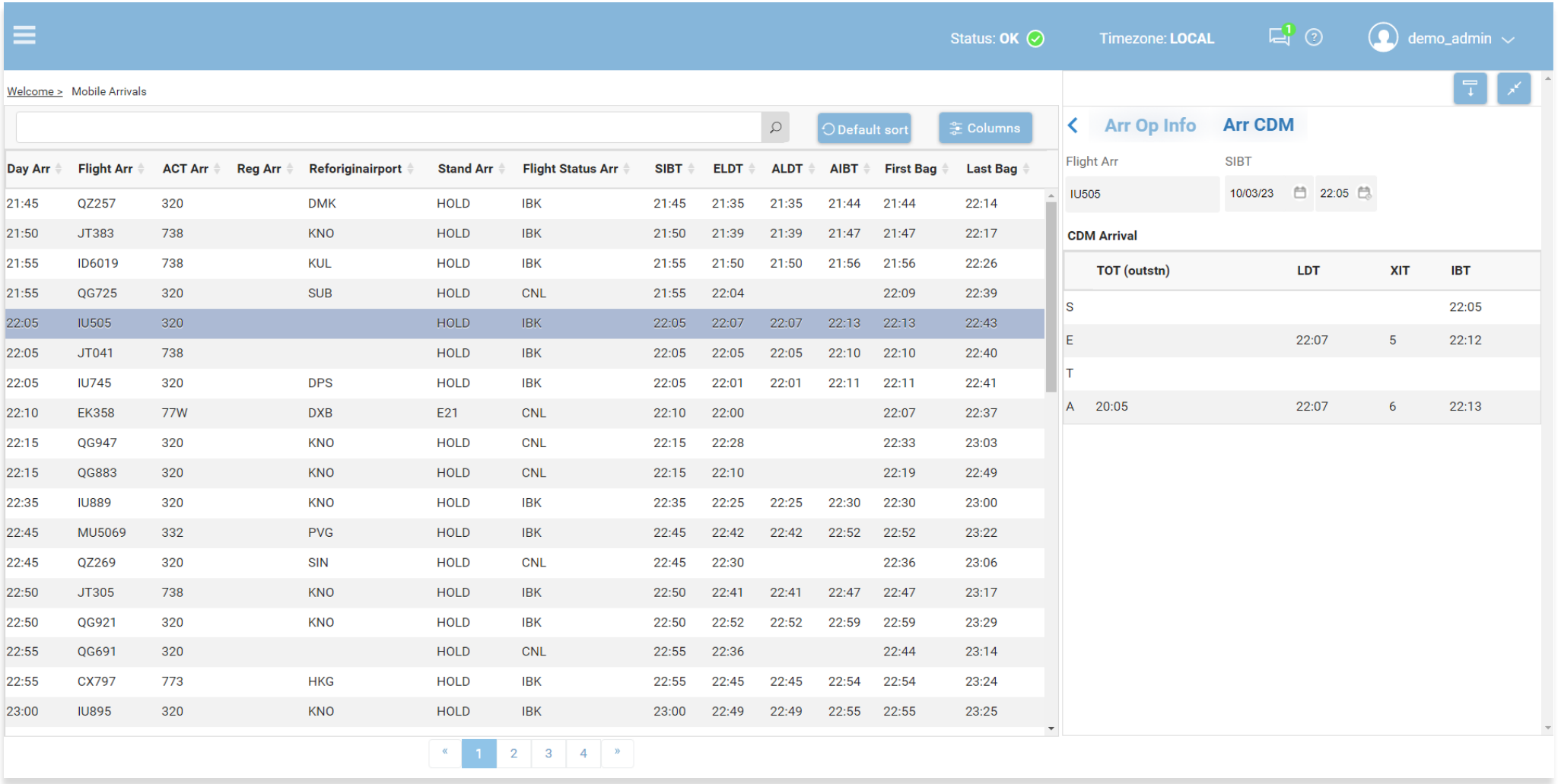
Arrival CDM



Day Arr	Flight Arr	ACT Arr	Reg Arr	Reforiginairport	Stand Arr	Flight Status Arr	SIBT	ELDT	ALDT	AIBT	First Bag	Last Bag
21:45	QZ257	320		DMK	HOLD	IBK	21:45	21:35	21:35	21:44	21:44	22:14
21:50	JT383	738		KNO	HOLD	IBK	21:50	21:39	21:39	21:47	21:47	22:17
21:55	ID6019	738		KUL	HOLD	IBK	21:55	21:50	21:50	21:56	21:56	22:26
21:55	QG725	320		SUB	HOLD	CNL	21:55	22:04			22:09	22:39
22:05	IU505	320			HOLD	IBK	22:05	22:07	22:07	22:13	22:13	22:43
22:05	JT041	738			HOLD	IBK	22:05	22:05	22:05	22:10	22:10	22:40
22:05	IU745	320		DPS	HOLD	IBK	22:05	22:01	22:01	22:11	22:11	22:41
22:10	EK358	77W		DXB	E21	CNL	22:10	22:00			22:07	22:37
22:15	QG947	320		KNO	HOLD	CNL	22:15	22:28			22:33	23:03
22:15	QG883	320		KNO	HOLD	CNL	22:15	22:10			22:19	22:49
22:35	IU889	320		KNO	HOLD	IBK	22:35	22:25	22:25	22:30	22:30	23:00
22:45	MU5069	332		PVG	HOLD	IBK	22:45	22:42	22:42	22:52	22:52	23:22
22:45	QZ269	320		SIN	HOLD	CNL	22:45	22:30			22:36	23:06
22:50	JT305	738		KNO	HOLD	IBK	22:50	22:41	22:41	22:47	22:47	23:17
22:50	QG921	320		KNO	HOLD	IBK	22:50	22:52	22:52	22:59	22:59	23:29
22:55	QG691	320			HOLD	CNL	22:55	22:36			22:44	23:14
22:55	CX797	773		HKG	HOLD	IBK	22:55	22:45	22:45	22:54	22:54	23:24
23:00	IU895	320		KNO	HOLD	IBK	23:00	22:49	22:49	22:55	22:55	23:25

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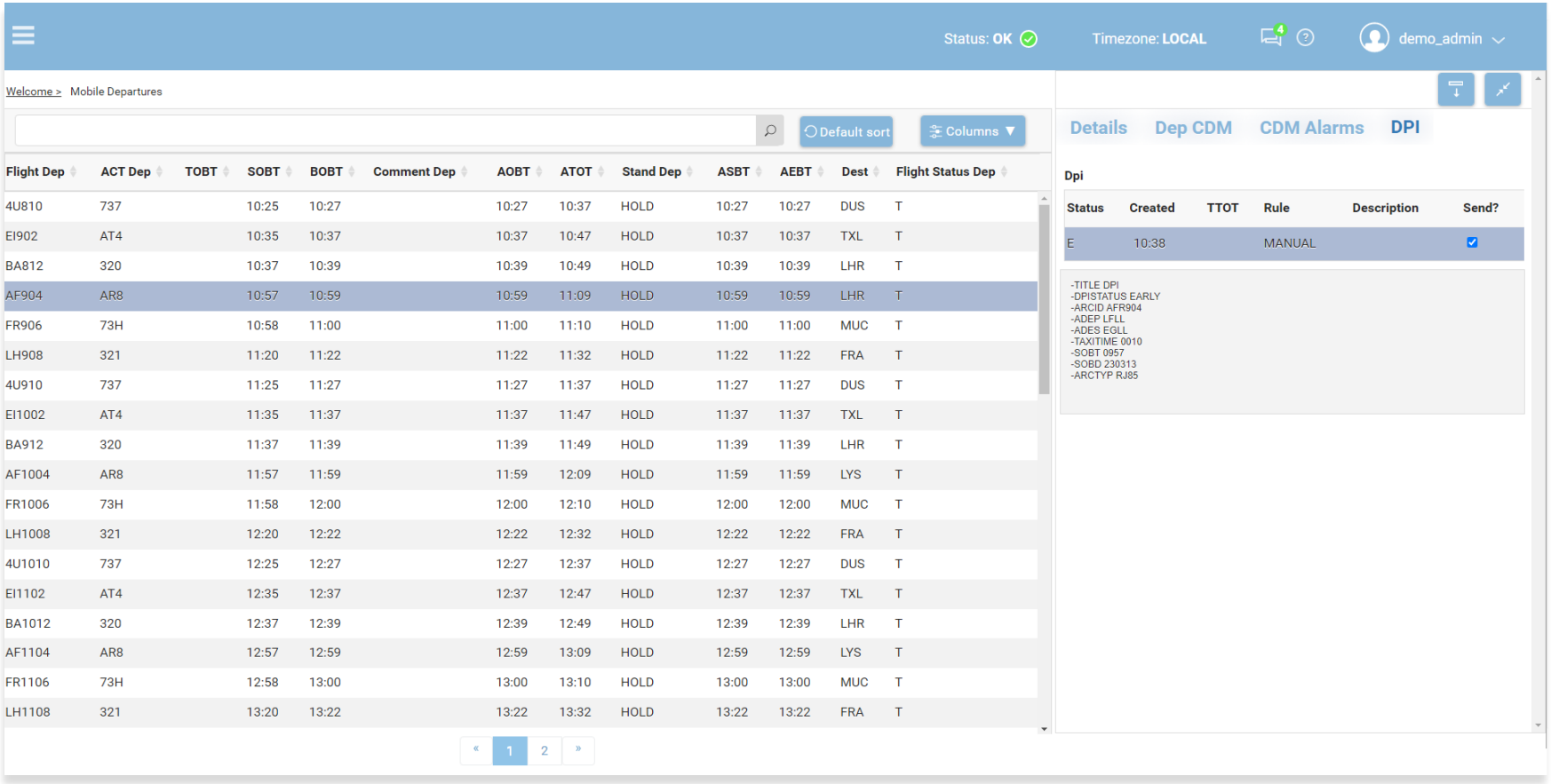
DPI Messages



Flight Dep	ACT Dep	TOBT	SOBT	BOBT	Comment Dep	AOBT	ATOT	Stand Dep	ASBT	AEBT	Dest	Flight Status Dep
4U810	737		10:25	10:27		10:27	10:37	HOLD	10:27	10:27	DUS	T
EI902	AT4		10:35	10:37		10:37	10:47	HOLD	10:37	10:37	TXL	T
BA812	320		10:37	10:39		10:39	10:49	HOLD	10:39	10:39	LHR	T
AF904	AR8		10:57	10:59		10:59	11:09	HOLD	10:59	10:59	LHR	T
FR906	73H		10:58	11:00		11:00	11:10	HOLD	11:00	11:00	MUC	T
LH908	321		11:20	11:22		11:22	11:32	HOLD	11:22	11:22	FRA	T
4U910	737		11:25	11:27		11:27	11:37	HOLD	11:27	11:27	DUS	T
EI1002	AT4		11:35	11:37		11:37	11:47	HOLD	11:37	11:37	TXL	T
BA912	320		11:37	11:39		11:39	11:49	HOLD	11:39	11:39	LHR	T
AF1004	AR8		11:57	11:59		11:59	12:09	HOLD	11:59	11:59	LYS	T
FR1006	73H		11:58	12:00		12:00	12:10	HOLD	12:00	12:00	MUC	T
LH1008	321		12:20	12:22		12:22	12:32	HOLD	12:22	12:22	FRA	T
4U1010	737		12:25	12:27		12:27	12:37	HOLD	12:27	12:27	DUS	T
EI1102	AT4		12:35	12:37		12:37	12:47	HOLD	12:37	12:37	TXL	T
BA1012	320		12:37	12:39		12:39	12:49	HOLD	12:39	12:39	LHR	T
AF1104	AR8		12:57	12:59		12:59	13:09	HOLD	12:59	12:59	LYS	T
FR1106	73H		12:58	13:00		13:00	13:10	HOLD	13:00	13:00	MUC	T
LH1108	321		13:20	13:22		13:22	13:32	HOLD	13:22	13:22	FRA	T

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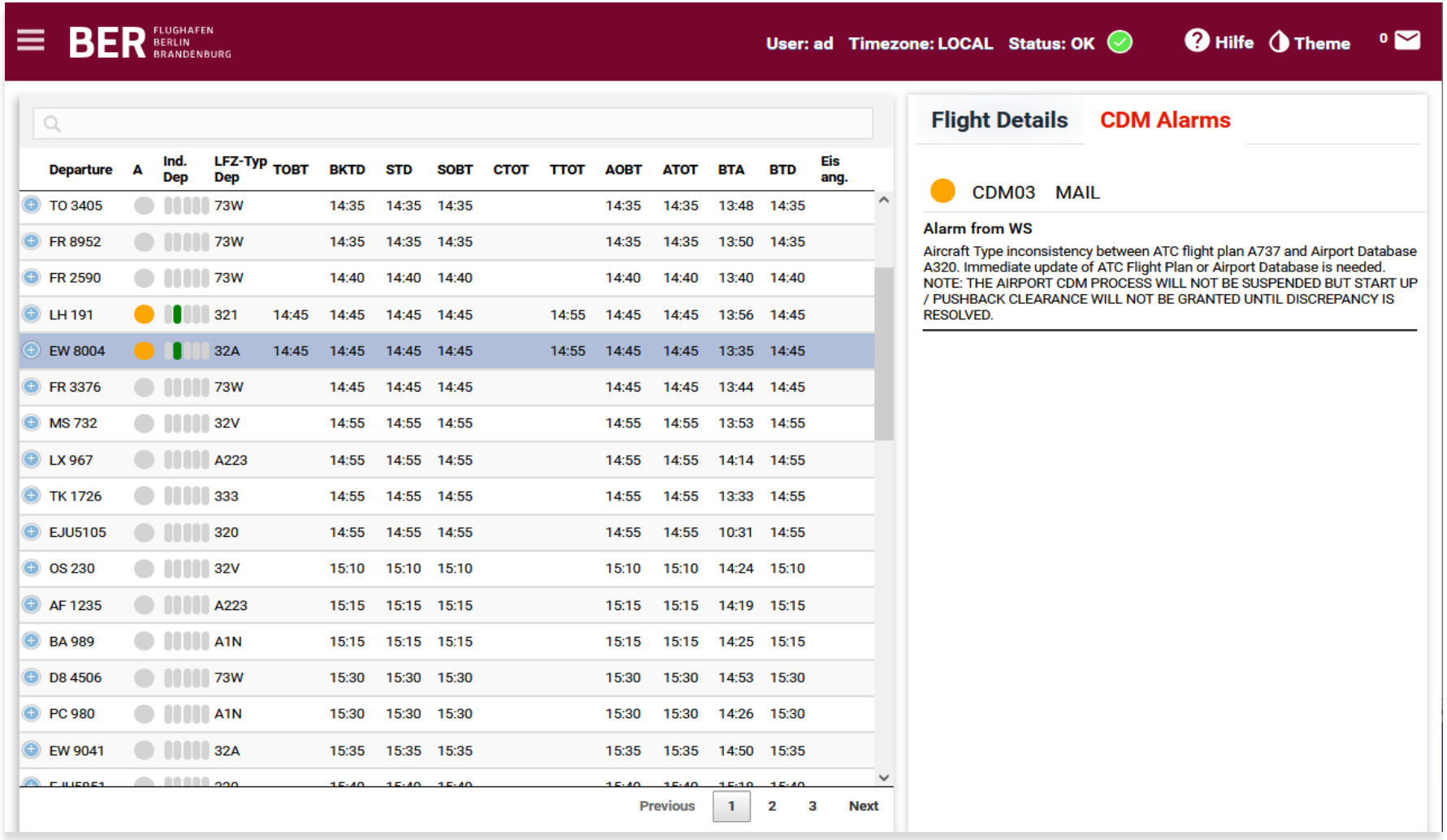
A-CDM Alarms



Departure	A	Ind. Dep	LFZ-Typ Dep	TOBT	BKTD	STD	SOBT	CTOT	TTOT	AOBT	ATOT	BTA	BTD	Eis ang.
TO 3405			73W		14:35	14:35	14:35			14:35	14:35	13:48	14:35	
FR 8952			73W		14:35	14:35	14:35			14:35	14:35	13:50	14:35	
FR 2590			73W		14:40	14:40	14:40			14:40	14:40	13:40	14:40	
LH 191			321	14:45	14:45	14:45	14:45		14:55	14:45	14:45	13:56	14:45	
EW 8004			32A	14:45	14:45	14:45	14:45		14:55	14:45	14:45	13:35	14:45	
FR 3376			73W		14:45	14:45	14:45			14:45	14:45	13:44	14:45	
MS 732			32V		14:55	14:55	14:55			14:55	14:55	13:53	14:55	
LX 967			A223		14:55	14:55	14:55			14:55	14:55	14:14	14:55	
TK 1726			333		14:55	14:55	14:55			14:55	14:55	13:33	14:55	
EJU5105			320		14:55	14:55	14:55			14:55	14:55	10:31	14:55	
OS 230			32V		15:10	15:10	15:10			15:10	15:10	14:24	15:10	
AF 1235			A223		15:15	15:15	15:15			15:15	15:15	14:19	15:15	
BA 989			A1N		15:15	15:15	15:15			15:15	15:15	14:25	15:15	
D8 4506			73W		15:30	15:30	15:30			15:30	15:30	14:53	15:30	
PC 980			A1N		15:30	15:30	15:30			15:30	15:30	14:26	15:30	
EW 9041			32A		15:35	15:35	15:35			15:35	15:35	14:50	15:35	

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Native App

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What is the Native App

Main purpose

- Manage Flight TOBT

Target User

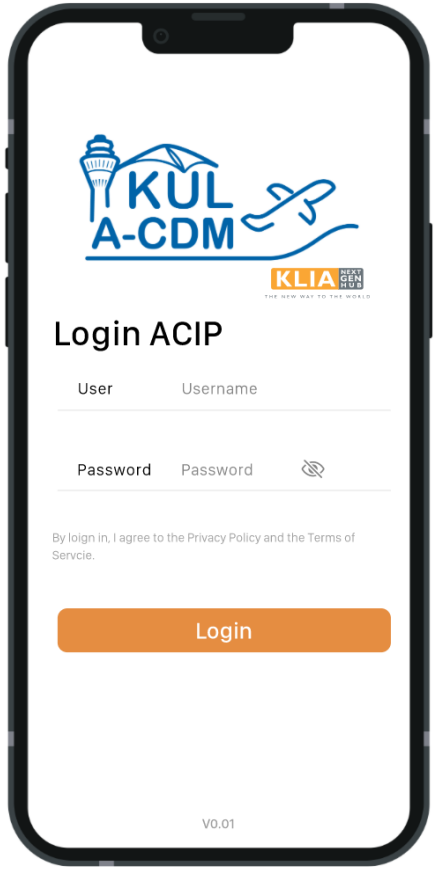
- Ground Handler and/or Airlines

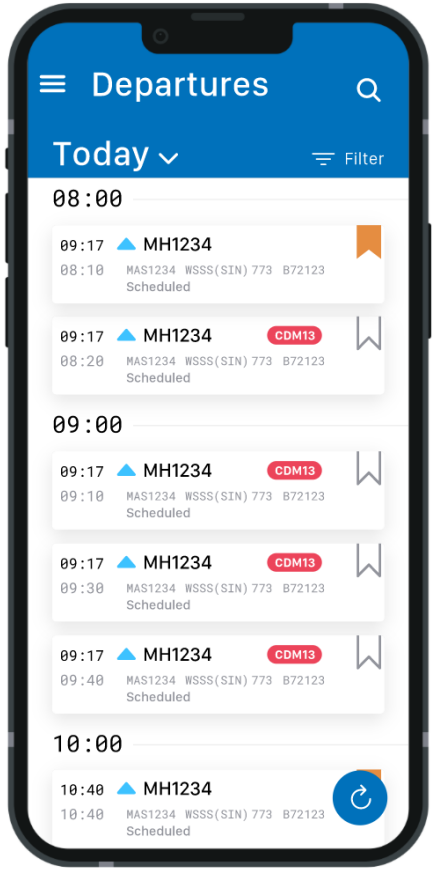
User Authentication

- AOS unified management

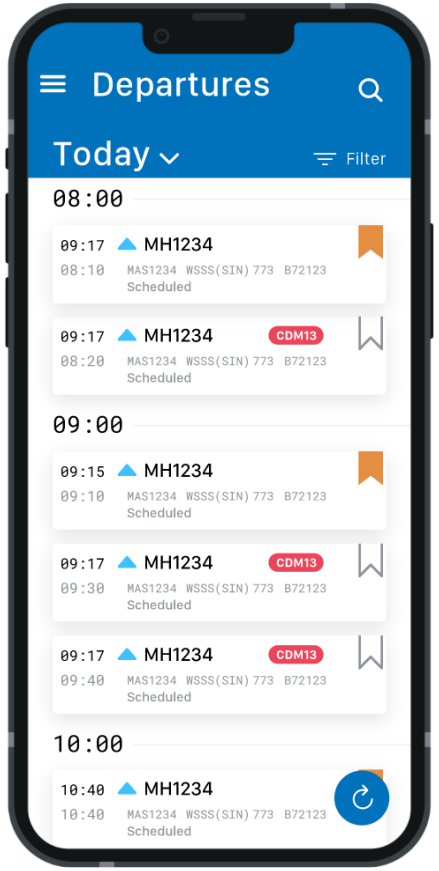
Supported Device

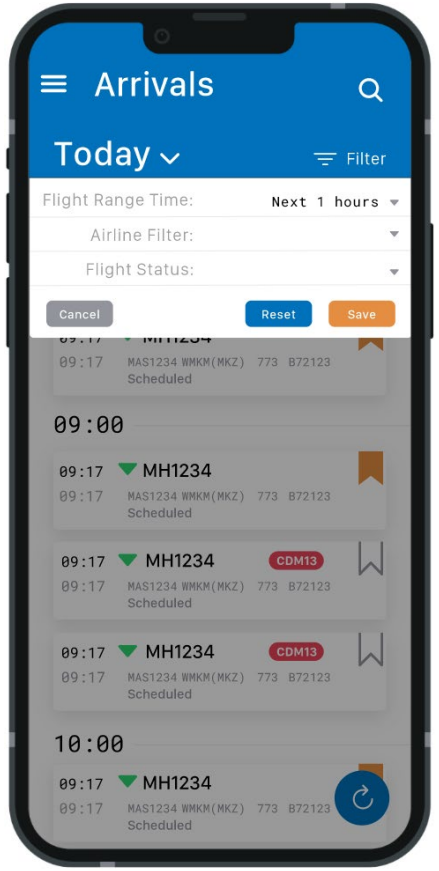
- Android and iOS Platform

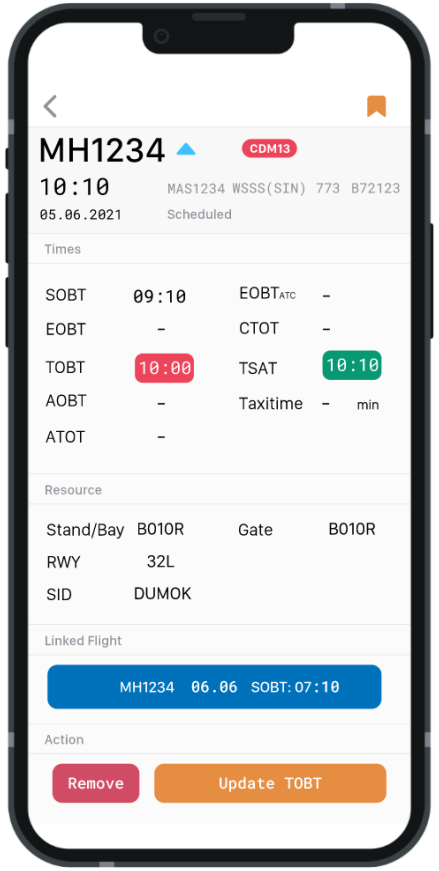


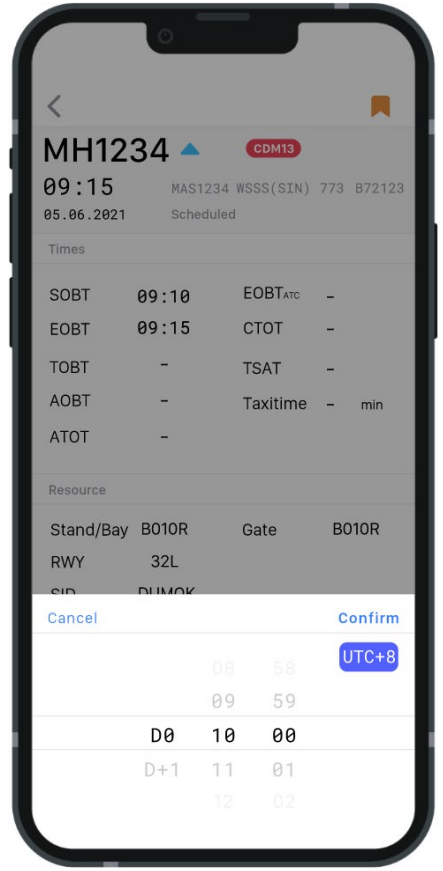


Look inside









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Thank you!

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