

Digital LI/R

User manual

Revision 1.2
28.06.2023

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Digital LI/R is a Progressive Web Application dedicated to staff responsible for load confirmation. It is integrated with the W&B solution provided by Evionica and allows previewing of digital Loading Instructions and reporting the actual values to the Load Controller. The interface is designed to be mobile-friendly so it can be comfortably used also on smaller screens.

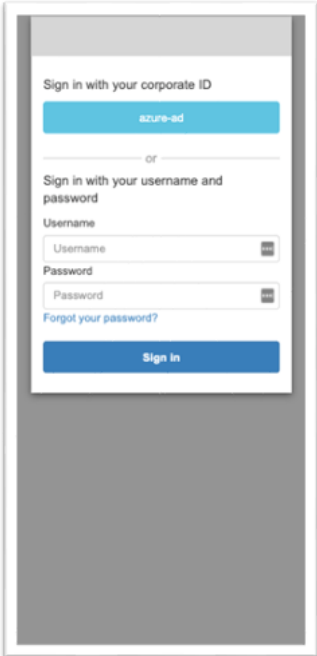
Integration of Digital LI/R and W&B solutions allows real-time tracking of the progress of loading, and seamless communication of changes.

Accounts and user management

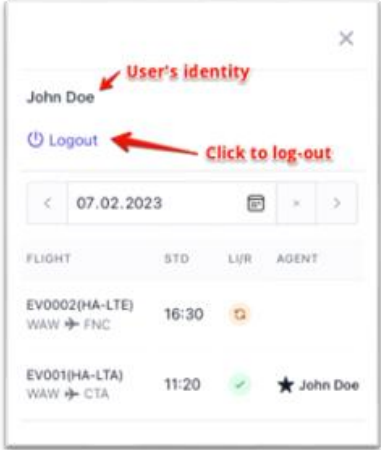
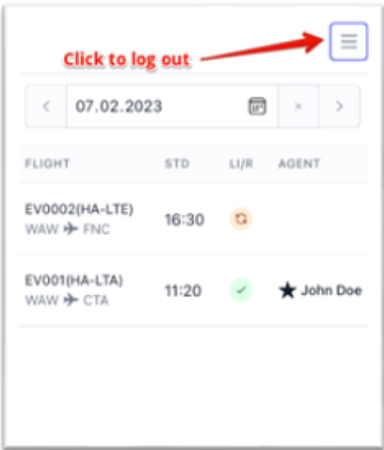
The Digital LI/R feature is available only for the entitled stations — Load Controllers assigned to these stations have possibility to share the digital Loading Instruction and Report.

To preview the digital LI/R the user must have a personal account. The account can be shared with the W&B account, but the Ramp Agent role must be assigned individually to each user. Analogically, as in the W&B system, the flight schedule in Digital LI/R will only show the flights departing from the station the user is assigned to.

Log in: go to rm.demo.wb.evionica.com and enter your username and password.



Log-out: the button is available in the main menu, visible at the top of the screen.



Sharing digital LI/R

The digital *Loading Instruction and Report* is shared in the Evionica W&B interface with just one click. Perform load distribution as usual and when ready, click “Send LI/R” button available on *Load distribution* step to share it with *Ramp Agent*.

When the LI/R is shared, Load Controller can track the progress of loading. Each item must be separately confirmed/ reported by the Ramp Agent including empty holds which must be confirmed as well. Items already loaded according to a Load Plan are marked with green color on the deck map:

The screenshot displays the Evionica W&B interface with the following components:

- Limiting weights:** DOW, Fuel, Load planning, L/R, Loadsheet.
- Payload Table:**

Item	Weight	Unit	Code	Category	Order	Location	Actions
PAG11134	1500	kg	C	SHC	ORD	BCL	▼ 🗑️
AKE111	1000	kg	C	SHC	ORD	11R	▼ 🗑️
AKE2222	1000	kg	C	SHC	ORD	43R	▼ 🗑️
AKE33333	1000	kg	C	SHC	ORD	43L	▼ 🗑️
AKE27666	1000	kg	C	SHC	ORD	42R	▼ 🗑️
AKE22221	1000	kg	C	SHC	ORD	42L	▼ 🗑️
PAG1111	3300	kg	C	SHC	ORD	33P	▼ 🗑️
PAG22131	2000	kg	C	SHC	ORD	32P	▼ 🗑️
PAG5664	4000	kg	C	SHC	ORD		▼ 🗑️
- Deck Summary (All Decks):**

Left	Diff	Right
10400 kg	900 kg	11300 kg

ZFW: 133 951 kg (Left) vs 24.12 (Right) | Diff: 48.3

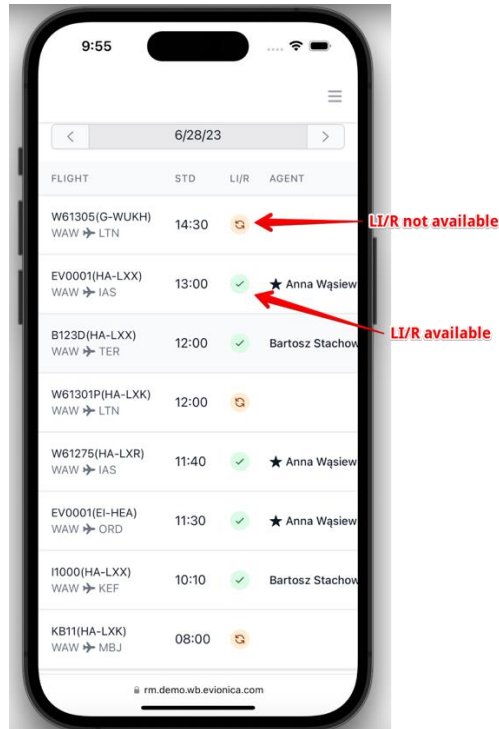
TOW: 182 951 kg (Left) vs 24.95 (Right) | Diff: 49.9

LAW: 139 651 kg (Left) vs 22.67 (Right) | Diff: 45.3

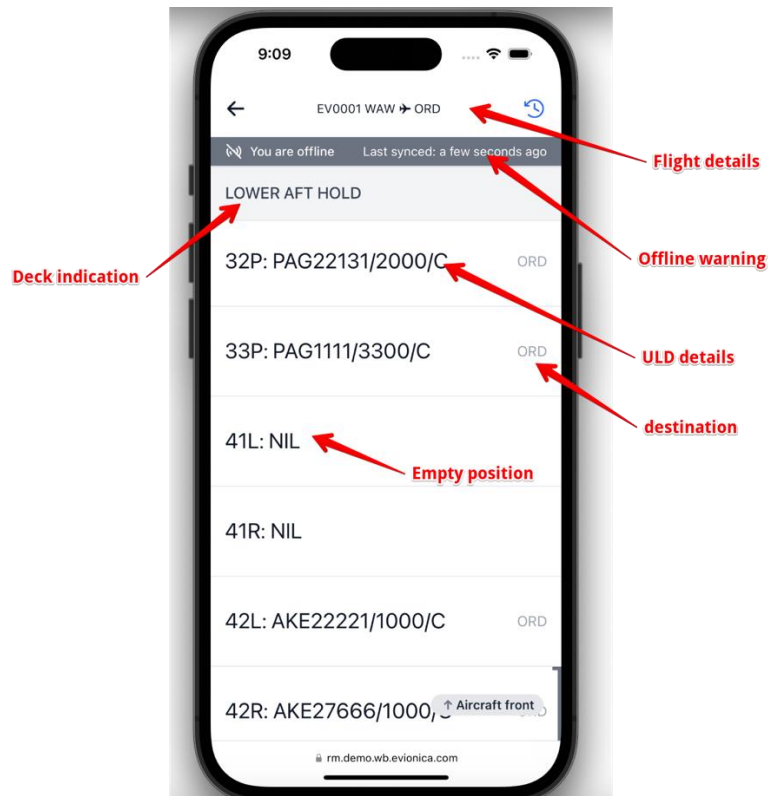
Underload: 34 949 kg
- Deck Map:** Shows a layout of ULDs (AB, BCR, BCL, L, TT) with a red arrow pointing to BCR and BCL, labeled "ULDs already loaded by Loading Supervisor on ramp".
- Buttons:** "Send LI/R" button with a timestamp "Last sent at: 2023-06-28, 21:06". A red arrow points to this button with the text "Click here to share digital LI/R".

Reporting

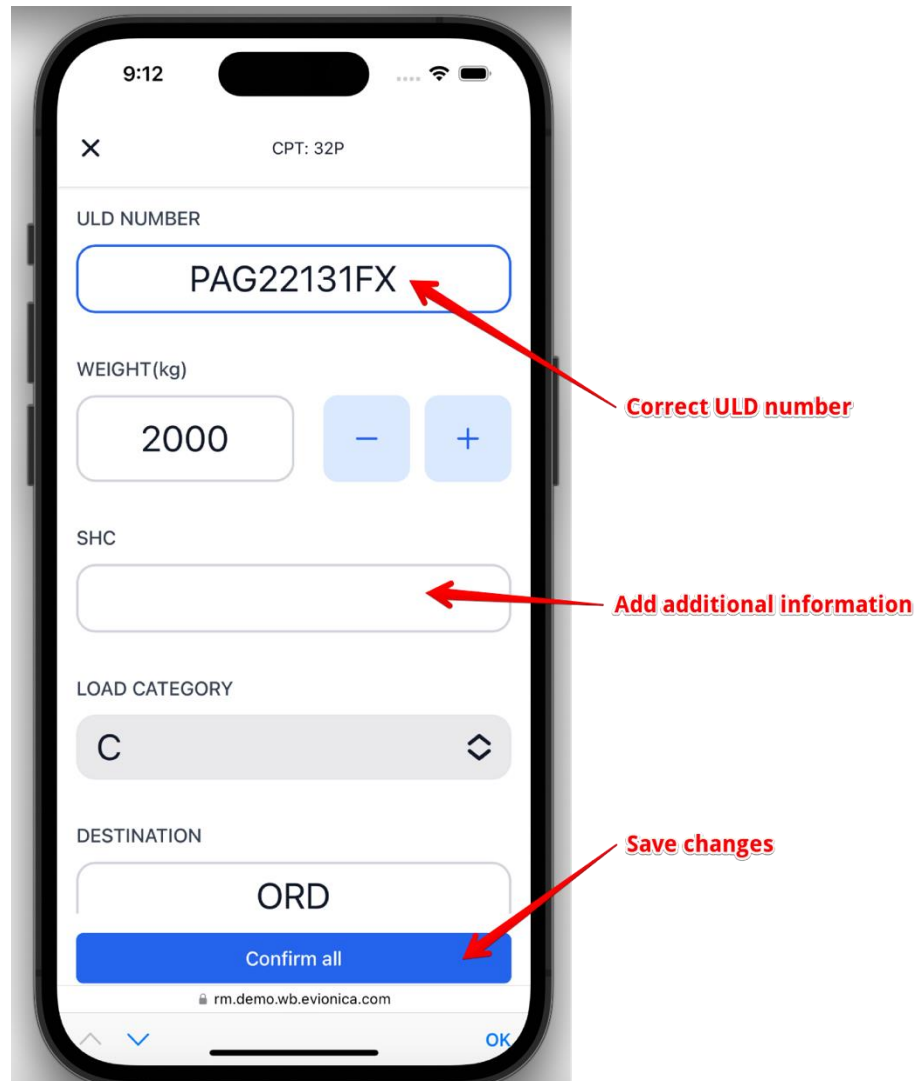
When logged in to the system, the user will see the Flight schedule with all flights departing from the station they are assigned to. If the digital LI/R has been already shared for the given flight, the information about availability will appear on the flight schedule.



Selecting the flight with available LI/R will show us a detailed preview of Loading Instruction.

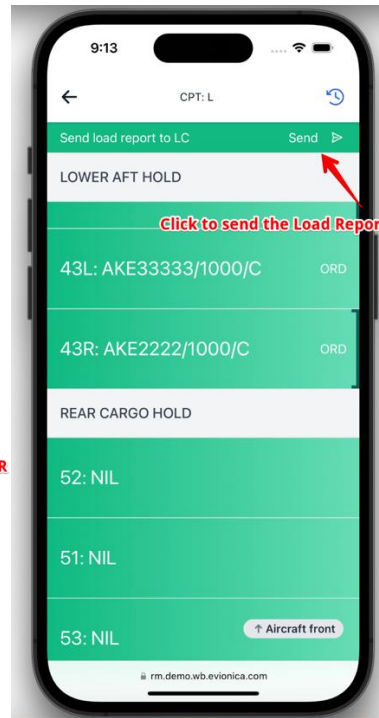
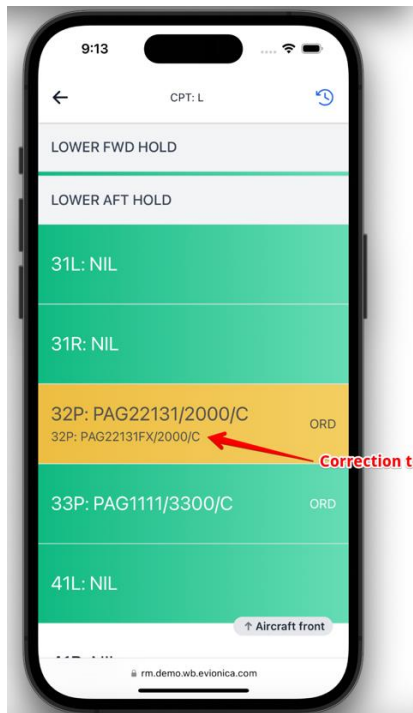


Each item must be either confirmed as it is by double tapping; actual values can be reported in the interface available under single tap.

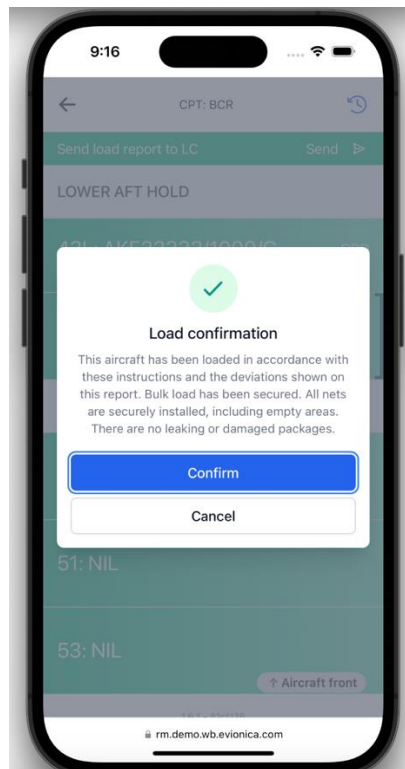


Ramp agent can report actual number of ULD, correct its weight add additional SHC codes or change the category of load.

i To complete the loading process and send *Final Load Report* to the *Load Controller*, all items (also empty holds) must be reported. The final values reported on LI/R can be easily verified before sending.



Before the *Final Load Report* is sent the Ramp Agent must read the final statement and confirm the aircraft was loaded in accordance with all requirements imposed by an airline.

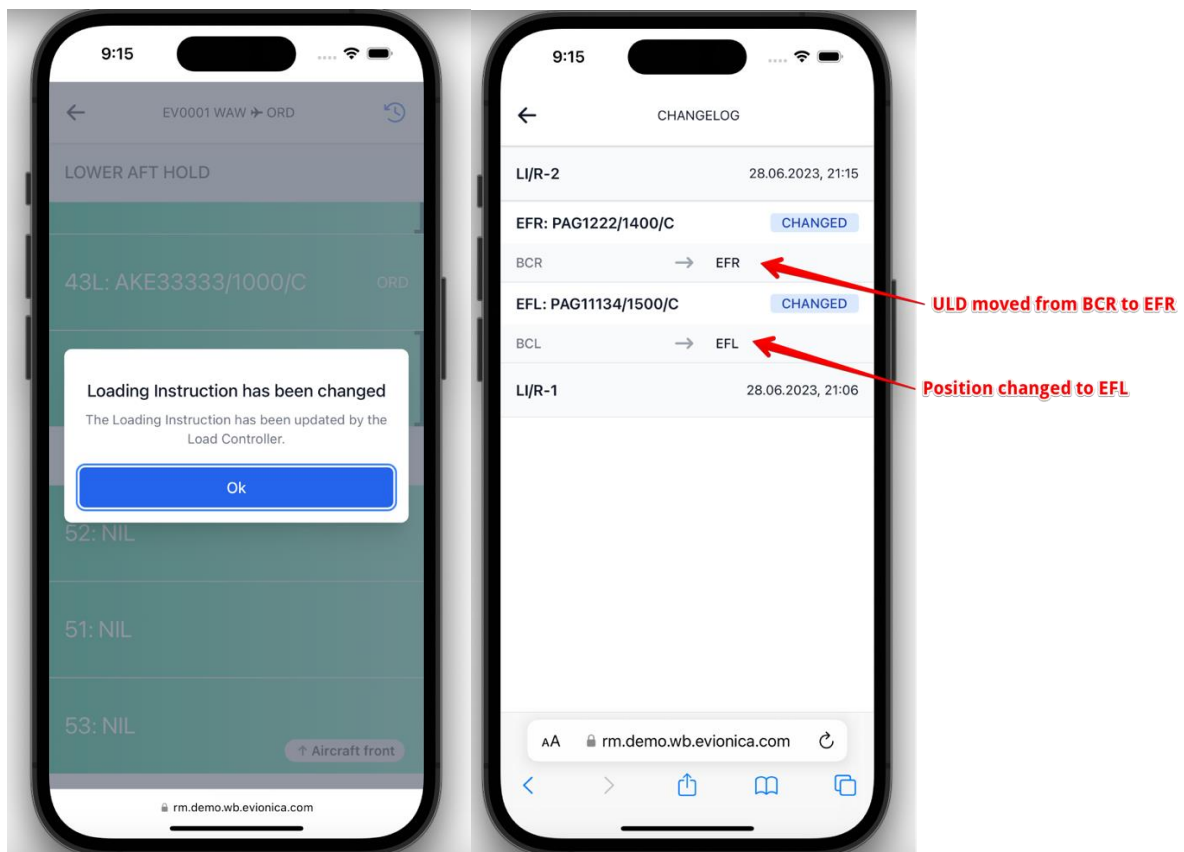


Updating digital LI/R

If the Loading Instruction must be updated whatever the reason, Load Controller can simply adjust load distribution in W&B and hitting "Send LIR" once again will populate new LI/R to the Ramp Agent.

i LI/R can be updated even if the loading was already finalized by the Ramp Agent.

Ramp Agent will be instantly notified that the instructions were changed, and they are directed to the view of the changelog in which all changes are listed.



Items updated by the Load Controller must be reviewed and reported (confirmed) once again.

Reviewing Load Report

When Loading is completed Ramp Agent must confirm final distribution by sending an official Load Report. When loading is finalized by Ramp agent, status of Load Report in the W&B will be changed to **FINAL** and it should be verified carefully by the Load Controller in case the values reported by the Ramp Agent differ from what is available in W&B.

EV0001 WAW → ORD 28JUN23 [Edit](#)

Limiting weights DOW Fuel **Load planning**

Load Report Final ← Load Report received

Item	Weight	Unit	Class	Station	Order	Location
PAG1222	1400	kg	C	SHC	ORD	EFR
PAG11134	1500	kg	C	SHC	ORD	EFL
AKE111	1000	kg	C	SHC	ORD	11R
AKE2222	1000	kg	C	SHC	ORD	43R
AKE33333	1000	kg	C	SHC	ORD	43L
AKE27666	1000	kg	C	SHC	ORD	42R
AKE22221	1000	kg	C	SHC	ORD	42L
PAG1111	3300	kg	C	SHC	ORD	33P

kg lb

AB ORD EFR ORD EFL ORD MAIN L ORD TT ORD

Left: 10400 kg Diff: 900 kg Right: 11300 kg

ZFW: 133 951 kg MACZFW: 26.03 52.0

TOW: 182 951 kg MACTOW: 26.34 53.6

LAW: 139 651 kg MACLAW: 24.50 49.0

Underload: 34 949 kg

Last sent at: 2023-06-28, 21:15 [Send L/R](#)

Load Report is ready ✕

Final Load Report has been sent for flight EV0001

[GO TO LOAD REPORT](#)

Limiting weights DOW Fuel **Load planning**

Load Report Final

HJR	NIL	NIL	✓
JKL	NIL	NIL	✓
JKR	NIL	NIL	✓
L	PAG5664/ORD/4000/C	PAG5664/ORD/4055/C	⚠
MPL	NIL	NIL	✓
MPR	NIL	NIL	✓
PSL	NIL	NIL	✓
PSR	NIL	NIL	✓
STL	NIL	NIL	✓

Discrepancy between current Loadsheet and Load Report

AB ORD EFR ORD EFL ORD MAIN L ORD TT ORD

Left: 10400 kg Diff: 900 kg Right: 11300 kg

ZFW: 133 951 kg MACZFW: 26.03 52.0

TOW: 182 951 kg MACTOW: 26.34 53.6

LAW: 139 651 kg MACLAW: 24.50 49.0

Underload: 34 949 kg

Last sent at: 2023-06-28, 21:15 [Send L/R](#)

Load Report is ready ✕

Final Load Report has been sent for flight EV0001

[GO TO LOAD REPORT](#)

All discrepancies should be eliminated, prior to issuing the final Loadsheet.

Limiting weights DOW Fuel **Load planning** LI/R Loadsheet

Load Report **Final**

Payload kg lb

Item	Weight	Unit	Code	SHC	ORD	Location	Actions
AKE2222	1000	kg	C	SHC	ORD	43R	▼ 🗑️
AKE33333	1000	kg	C	SHC	ORD	43L	▼ 🗑️
AKE27666	1000	kg	C	SHC	ORD	42R	▼ 🗑️
AKE22221	1000	kg	C	SHC	ORD	42L	▼ 🗑️
PAG1111	3300	kg	C	SHC	ORD	33P	▼ 🗑️
PAG22131FX	2000	kg	C	SHC	ORD	32P	▼ 🗑️
PAG5664	4055	kg	C	SHC	ORD	L	▼ 🗑️
PMC12626	3500	kg	C	SHC	ORD	TT	▼ 🗑️

Correct ULD weight

Summary Statistics:

Category	Left	Diff	Right
All Decks	10428 kg	900 kg	11328 kg
ZFW	134 006 kg	52.0	MACZFW 26.04
TOW	183 006 kg	53.6	MACTOW 26.35
LAW	139 706 kg	49.0	MACLAW 24.51

Underload: 34 894 kg

Last sent at: 2023-06-28, 21:15 Send LI/R

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Limiting weights DOW Fuel **Load planning** LI/R Loadsheet

Load Report **Final**

Item	Weight	Unit	Code	SHC	ORD	Location	Actions
FHL	NIL	NIL					✓
FHR	NIL	NIL					✓
HJL	NIL	NIL					✓
HJR	NIL	NIL					✓
JKL	NIL	NIL					✓
JKR	NIL	NIL					✓
L	PAG5664/ORD/4055/C	PAG5664/ORD/4055/C					✓
MPL	NIL	NIL					✓
MPR	NIL	NIL					✓

All data match

Summary Statistics:

Category	Left	Diff	Right
All Decks	10428 kg	900 kg	11328 kg
ZFW	134 006 kg	52.0	MACZFW 26.04
TOW	183 006 kg	53.6	MACTOW 26.35
LAW	139 706 kg	49.0	MACLAW 24.51

Underload: 34 894 kg

Last sent at: 2023-06-28, 21:15 Send LI/R

If the *Loadsheet* document has been already completed for the flight before Load Report was received, it can be also previewed to be verified on the Loadsheet Archive page.

EV0001 WAW → ORD 28JUN23 ● ONLINE Anna Wąsiewicz

EI-HEA
Airbus A330-300
© WBM/A330-300/P2F7-0 effective date: 2022-08-17

Archive Create CPM Start EDNO 2

EDNO 1 ★ A.Wąsiewicz
Final 28 JUN 23 21:20
Last update at 21:20

Document Load Report Digital loadsheet

CPT	Reported
AB	PMC11111/ORD/1000/C
BCL	NIL/ORD/0/C
BCR	NIL/ORD/0/C
CEL	NIL
CER	NIL
EFL	PAG11134/ORD/1500/C
EFR	PAG1222/ORD/1400/C
FHL	NIL
FHR	NIL
HJL	NIL