

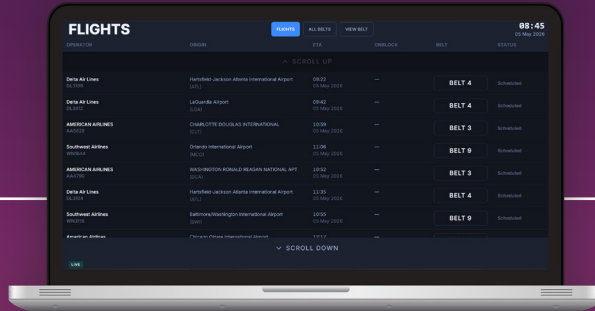
AeroCloud BOS Software Features

BOS has 2 separate interfaces; one is admin/supervisor facing. The other is for the baggage handlers

Baggage Handlers Interface

Flights

Upcoming and current flights shown on the device



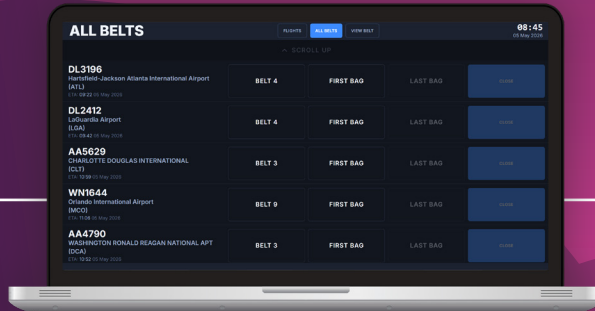
FLIGHTS	VIEW	ALL BELTS	VIEW BELT	STATUS
Delta Air Lines DL3196 Hartfield-Jackson Atlanta International Airport (ATL)	08:22 08 May 2025	—	BELT 4	Scheduled
Delta Air Lines DL2412 Lufthansa Airport (LGA)	08:42 08 May 2025	—	BELT 4	Scheduled
American Airlines AA5629 Charlotte Douglas International Airport (CLT)	10:59 08 May 2025	—	BELT 3	Scheduled
American Airlines WN1644 Washington Ronald Reagan National Airport (DCA)	11:00 08 May 2025	—	BELT 9	Scheduled
Delta Air Lines DL3104 Hartfield-Jackson Atlanta International Airport (ATL)	10:52 08 May 2025	—	BELT 3	Scheduled
Delta Air Lines DL411 Detroit Metropolitan Wayne County Airport (DTW)	11:28 08 May 2025	—	BELT 4	Scheduled
Delta Air Lines DL2770 Minneapolis-Saint Paul International Airport (MSP)	10:55 08 May 2025	—	BELT 9	Scheduled

Configurable look-back and look-ahead window

Flight number, origin, ETA, on-block time, and assigned belt visible

All Belts

Live overview of every belt linked to the device



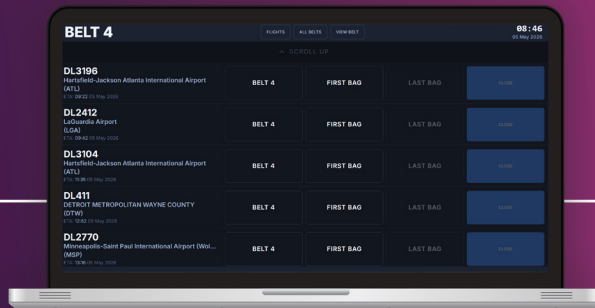
ALL BELTS	FLIGHTS	VIEW BELT	VIEW BELT	STATUS
DL3196 Hartfield-Jackson Atlanta International Airport (ATL) 08:22 08 May 2025	BELT 4	FIRST BAG	LAST BAG	STATUS
DL2412 Lufthansa Airport (LGA) 08:42 08 May 2025	BELT 4	FIRST BAG	LAST BAG	STATUS
AA5629 Charlotte Douglas International Airport (CLT) 10:59 08 May 2025	BELT 3	FIRST BAG	LAST BAG	STATUS
WN1644 Washington Ronald Reagan National Airport (DCA) 11:00 08 May 2025	BELT 9	FIRST BAG	LAST BAG	STATUS
AA4790 Washington Ronald Reagan National Airport (DCA) 10:55 08 May 2025	BELT 3	FIRST BAG	LAST BAG	STATUS

See status across the operation in one view

Designed for setups where one device covers multiple belts

View Belts

Focused view of a single assigned belt

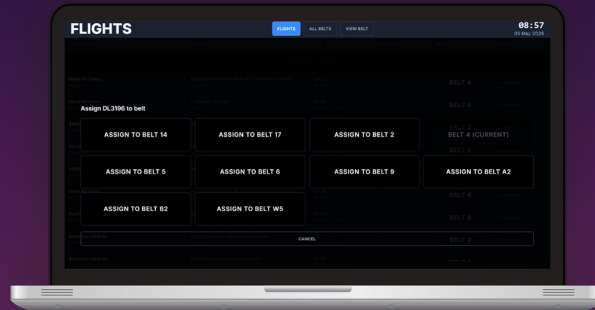


BELT 4	FLIGHTS	ALL BELTS	VIEW BELT	STATUS
DL3196 Hartfield-Jackson Atlanta International Airport (ATL) 08:22 08 May 2025	BELT 4	FIRST BAG	LAST BAG	STATUS
DL2412 Lufthansa Airport (LGA) 08:42 08 May 2025	BELT 4	FIRST BAG	LAST BAG	STATUS
DL3104 Hartfield-Jackson Atlanta International Airport (ATL) 10:52 08 May 2025	BELT 4	FIRST BAG	LAST BAG	STATUS
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DL2770 Minneapolis-Saint Paul International Airport (MSP) 10:55 08 May 2025	BELT 4	FIRST BAG	LAST BAG	STATUS

Designed for one-device-to-one-belt deployments

Reduces the amount of information required for handlers working a single carousel

Belt Configuration

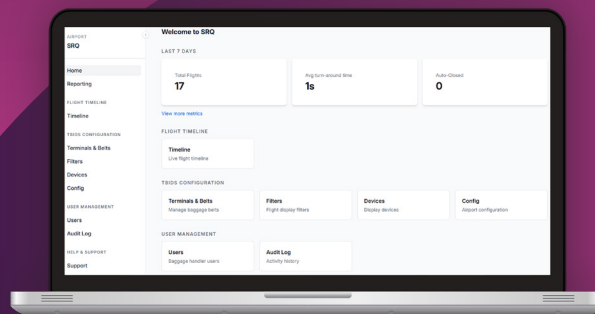


Supervisors can assign or reassign belts directly, by selecting the belt option for a flight



Configuration & Reporting Interface

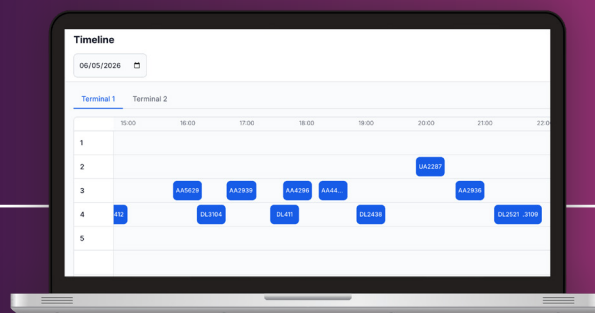
Main Menu



Initial main menu, options on vertical sidebar menu

Timeline

Full-day view of flights and belt assignments



Visibility from 3 days ago through 2 days ahead

Ability to assign Belts within Timeline view

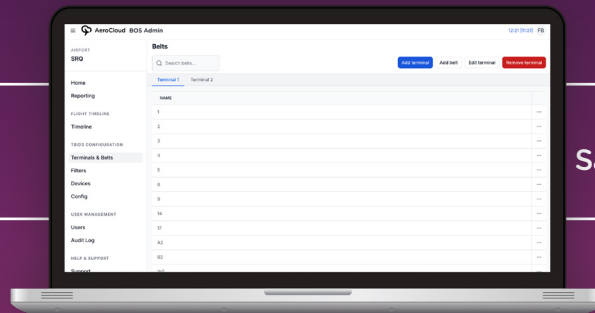
Terminal & Belts

Add, rename,
and remove terminals

Add, edit, and remove
belts under each terminal

Inline editing of
belt numbers

Safeguards to prevent deleting
terminals with active belts



Unassigned flights automatically flagged in Timeline if a belt is removed

Devices

Add devices with name
and unique identifier

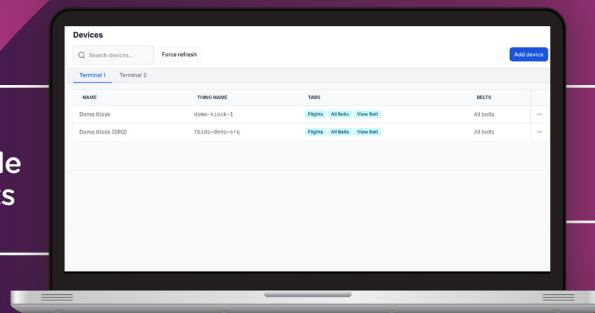
Choose which tabs are visible
per device (Flights / All Belts
/ View Belt)

Set default display mode
(light or dark) per device

Link devices to one
or many belts

Copy device URL for remote
view or troubleshooting

Per-device configuration -
every device can be set
up differently

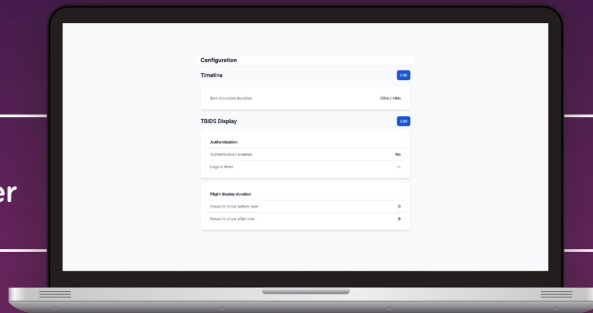


Config

Timeline allocation window
- control how far ahead and behind flights appear

Flight display duration -
hours shown before and after
current time

Auto-close if no Last Bag -
closes after a max period if
never tapped



Authentication toggle
and configurable inactivity
logout timer

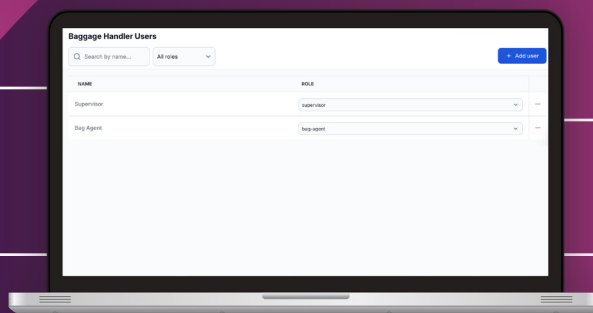
Auto-close after Last Bag -
closes the belt if Close
is forgotten

Toggle to allow supervisors
to reassign belts after
First Bag

Users

Create, edit, and delete
users from a single console

Assign one of two device
roles: Baggage Handler or Supervisor



Role-based permissions
control which tabs each
user sees

Optional Admin role for
airport-wide configuration
(assigned by AeroCloud)

Generate and reset PIN codes for device login

Reporting

Airport-wide and per-airline performance breakdown

Total flights processed

Filter by date range and airline

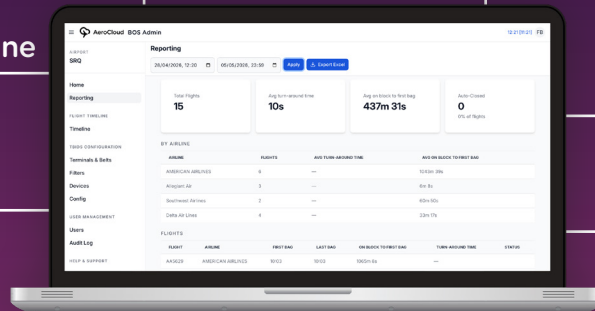
Average block-to-first-bag time

Average turnaround time (First Bag to Last Bag)

Belt-level usage data

Auto-close count (handler compliance signal)

Export to Excel



Audit Log

Every user action recorded against the signed-in PIN (if Authentication is configured)

Action types: reassignBelt, setFirstBag, setLastBag, undo, close, autoClose

Filter by date range, username, and action type

Jump back to most recent activity in one click

Export filtered view to Excel

Anonymous logging if authentication is disabled

