CabinTrack

Revolution in Life Vest Inspections:

Faster, Smarter, RFID-Enabled

CabinTrack

90% LESS TIME

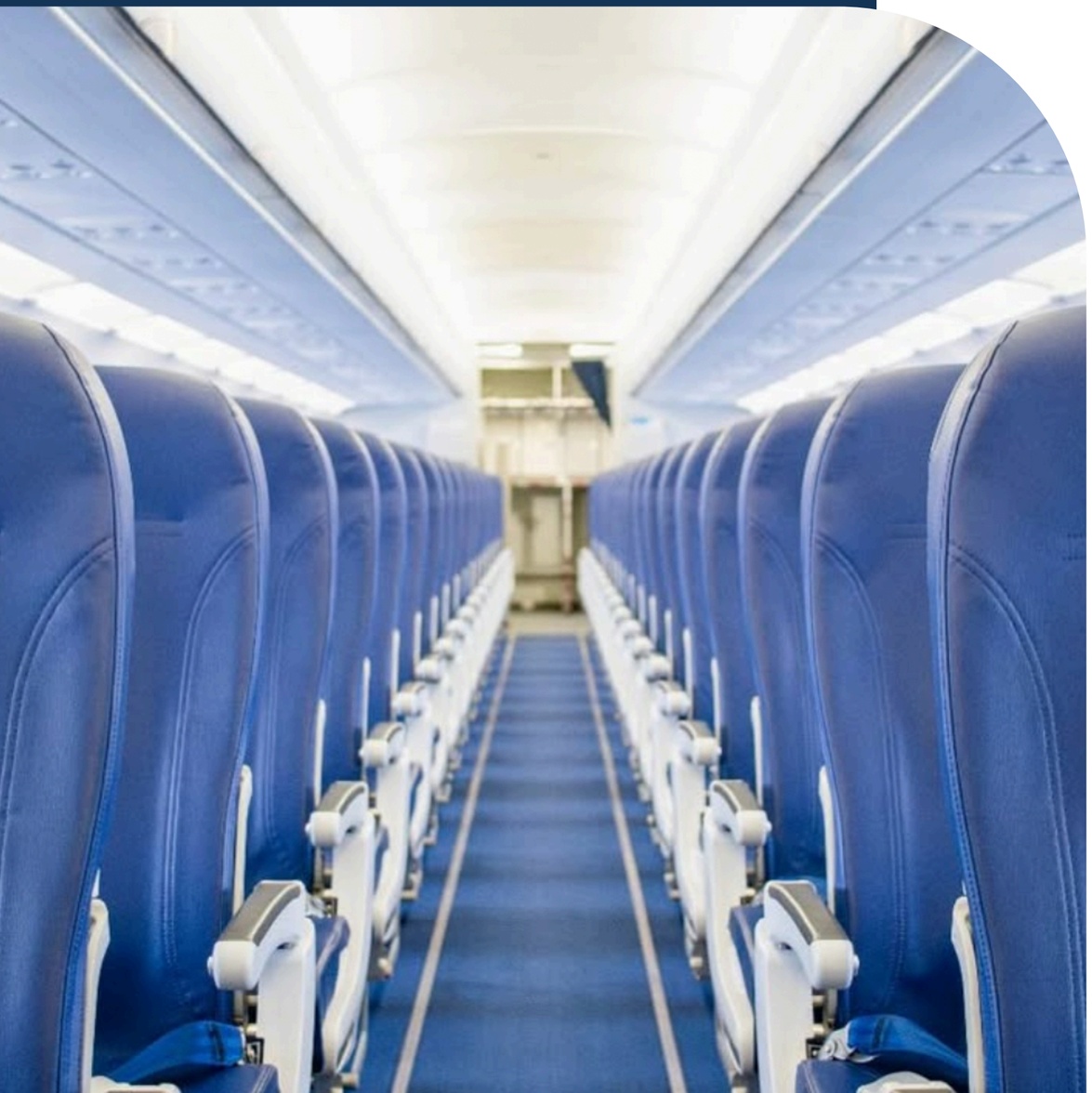
Introducing CabinTrack

For Smarter Life Vest Management

CabinTrack transforms life vest management process by automating tracking and expiry monitoring.

A reliable, fast, and cost-effective RFID solution designed to increase productivity and cut costs for airlines. Using CabinTrack, the time needed for emergency equipment checks is **reduced by 90%**.

CabinTrack



Compliance & Efficiency Challenges

- Manual life vest inspections are slow, labor-intensive, and costly.
- Human errors lead to misplaced, expired, or missing life vests, causing compliance risks.
- Airlines must meet strict safety regulations (EASA, FAA, ICAO) with growing passenger expectations.
- Maintenance crew workload is increasing – automation can streamline their processes.

Traditional life vest checks take around 7 hours per aircraft—CabinTrack completes the same task in **under 60 seconds, significantly reducing aircraft ground time.**

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CabinTrack: RFID-Powered Equipment Management

- ✓ **Rapid Scanning:** Scan an entire aircraft’s life vests in under 60 seconds;
- ✓ **Error-Free Audits:** No more manual counting—reduce human error by 99%;
- ✓ **Automated Expiry Alerts:** Track life vest service-life with real-time notifications;
- ✓ **Full Compliance:** Supports IATA’s, FAA, SAE and other industry standards;
- ✓ **Cloud & On-Premise Deployment:** Choose the setup that fits your airline’s needs;
- ✓ **Convenient:** Possible integration with AMOS via open API allow seamless data exchange.

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Numbers speak louder than words:
Per fleet of 50 aircraft, CabinTrack saves **over 1,200** hours of labor **and $80,000+** in annual manpower costs while reducing the risk of human error **by 99%**.

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How CabinTrack Works

Simple Process, Powerful Results

- Life vests are tagged with RFID chips during production or retrofitted. Tags are linked to serial numbers and expiry dates.
- Minimum setup time: aircraft layout and equipment information is imported to CabinTrack system in minutes.
- Handheld RFID readers scan all life vests instantly. Multiple RFID tags can be read simultaneously.
- Generates real-time compliance reports and alerts.

No need to remove life vests. Scan entire aircraft in seconds, from several meters away.

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3 Component System

CabinTrack consists of three components:

- RFID tags;
- RFID scanner;
- Backend software application to filter and analyse the data.

Skyco provides a complete package with fully supported, personalized airline systems integration training.

No time for interruptions: CabinTrack adapts to your workflow. It works with leading aviation software solutions (AMOS, CAMP, Rusada, etc.).

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Future Adaptability

In The Near Future, CabinTrack Will Be Able To Perform Checks On:

- **Fire Safety Equipment:** BCF Fire Extinguisher, Fire Extinguisher (Water), Fire Protection Glove, Fire Sock Kit, Crowbar;
- **Emergency Medical Kits:** First Aid Kit, AED Kit (Defibrillator), Pocket Mask & Gloves Kit, Splint Pack;
- **Oxygen & Breathing Equipment:** Portable Oxygen Bottle, PBE, Oxygen Mask;
- **Life Vests & Flotation Devices:** Crew Life Vest, Passenger Life Vest, Baby Flotation Cot;
- **Emergency Communication & Signaling:** ELT, Megaphone, Flashlight (DME & Utilities);
- **Restraint & Safety Gear:** Child Restraint Seat, Handcuff Kit, High Visibility Vest;
- **Other Emergency & Demo Equipment:** PTK, Crew Rest Strap, Demo Kit, Survival Pack, Manual Release Tool.

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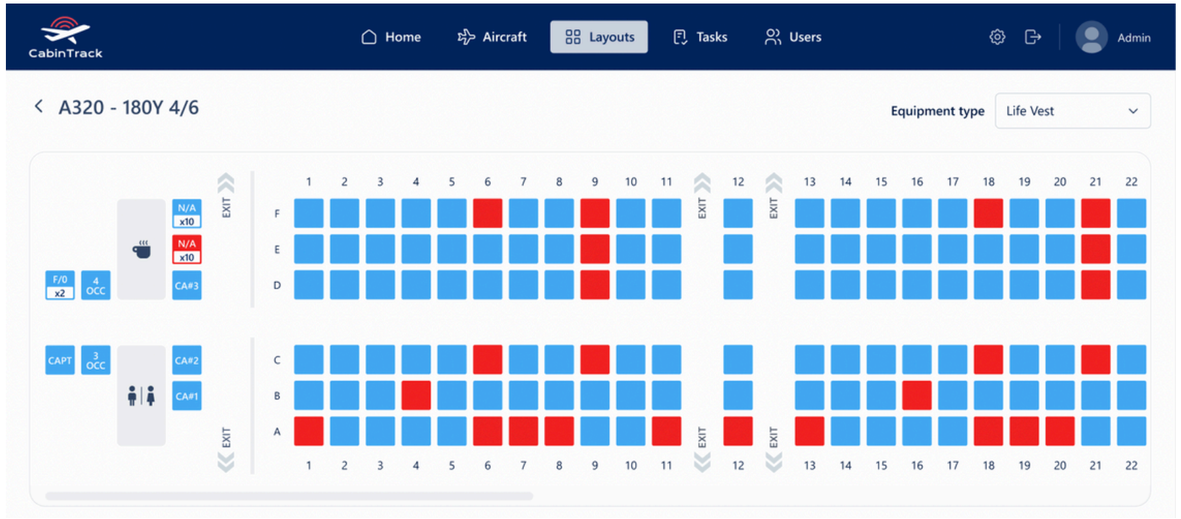
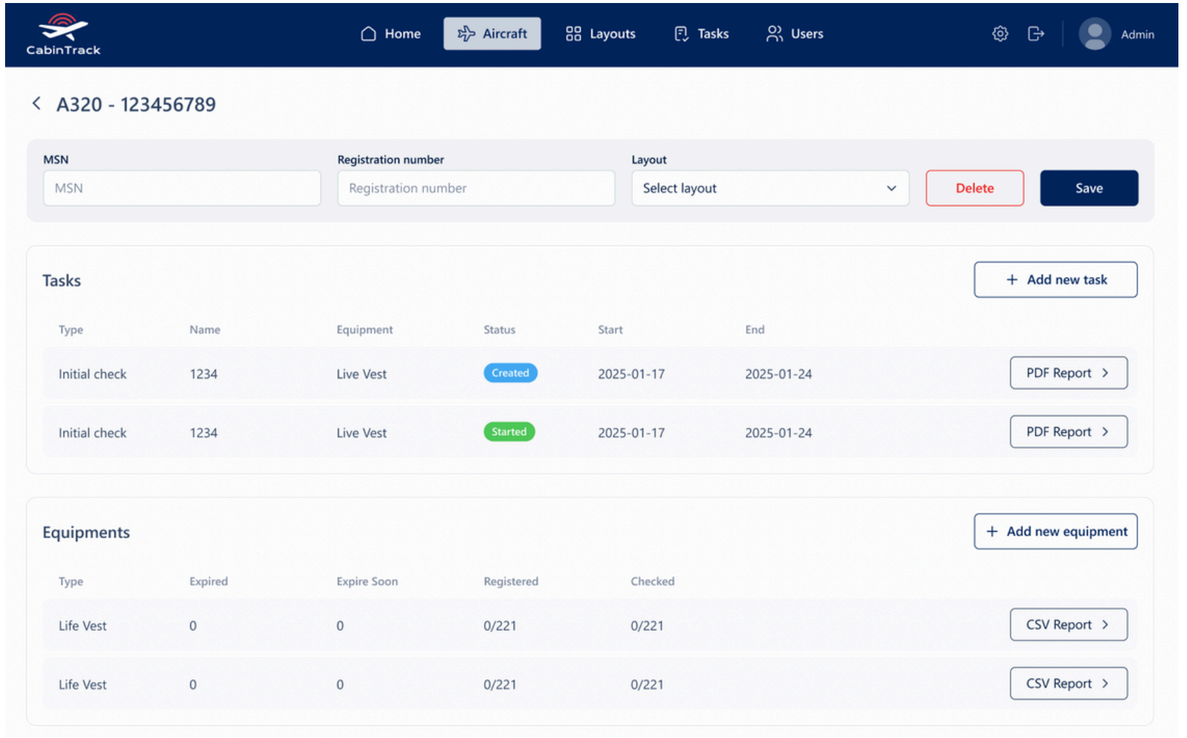
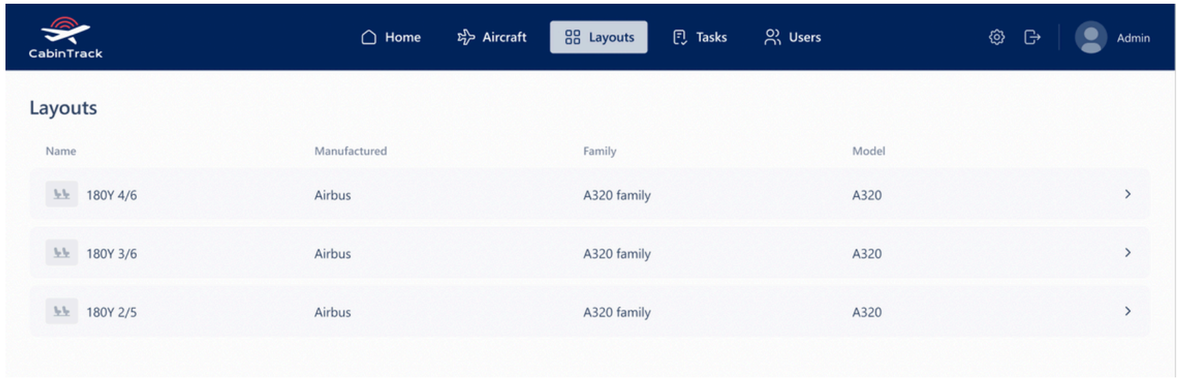
Easy To Use

Software quickly detects the status and location of equipment and notifies about it’s expiry data.

Reports are generated with a single click.







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CabinTrack Is Provided By SKYCO

Based in Lithuania, SKYCO specializes in design, engineering, and manufacturing tailored aviation solutions. Our expertise merges innovation with practicality, helping airlines and MROs streamline operations and reduce costs.

As a Part 21G-approved production organization, we focus on efficiency, accuracy, and compliance. CabinTrack is a testament to that—optimizing safety equipment management with speed and precision.

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Let’s Talk!

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