



CoolAer

**A NEW ERA IN AIRCRAFT
MAINTENANCE WITH
THE SMART, MODULAR,
MOBILE CABINET SYSTEM**

A NEW ERA BEGINS IN AVIATION MAINTENANCE PROCESSES

In today's aviation industry, time is not just money — it represents operational safety, customer satisfaction, and competitive advantage.

Yet, maintenance processes still suffer from serious inefficiencies: technicians walking long distances just to reach a part, wasted time, static inventory systems, and poor traceability.

This reality doesn't just cost time; it also drives up expenses, reduces aircraft availability, and delays decision-making processes.



But what if maintenance materials could come to the aircraft on their own?

What if every single part could be instantly tracked — who took it, when, and why — in real time?

With this vision, we proudly present a smart, modular, and mobile solution that redefines aviation maintenance processes.

AIRDOCK

Reimagining aviation maintenance, one smart module at a time.



What is AIRDOCK?

AIRDOCK is a modular, portable, and digitally integrated maintenance and spare parts solution that can be positioned directly beneath the aircraft.

Designed as an alternative to traditional warehouse systems, this smart cabinet system provides technicians with real-time access, secure logging, and full traceability.



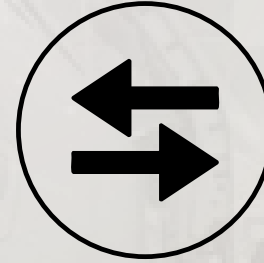
What Makes AIRDOCK Unique?



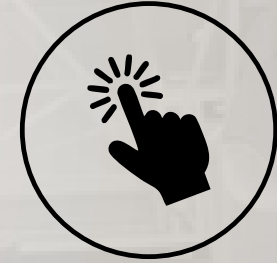
Modular Compartments in 3
Sizes



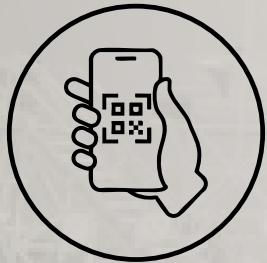
Rail System Connectivity



Wheeled Chassis for Easy
Positioning



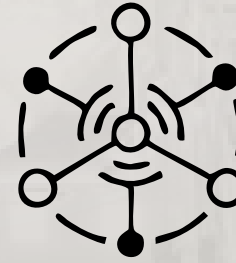
Touchscreen Kiosk with
Secure Access



Integrated Label Printer &
Barcode Scanner



Full Integration with ERP
& MRO Systems



Hybrid Power System
(Battery + AC)

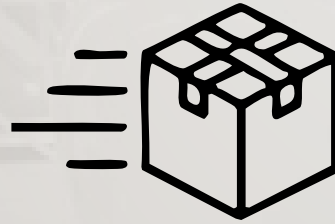


IoT-Enabled Real-Time
Compartment Monitoring

Operating Principle



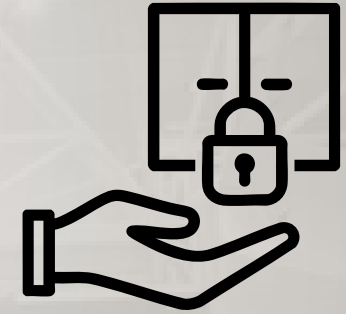
A maintenance work order is created.



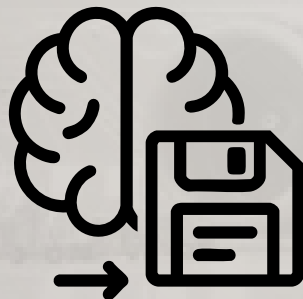
Required parts are loaded into AIRDOCK.



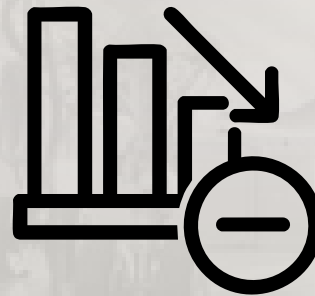
AIRDOCK is transported beneath the aircraft.



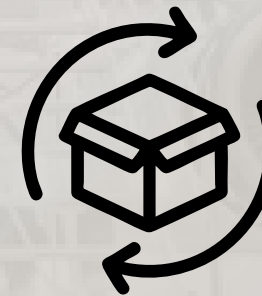
The technician securely accesses and retrieves the parts.



The system logs the usage data into the ERP system.



If parts are used, inventory is automatically updated.



Remaining parts can either be retrieved or left in place.

What Are the Benefits?



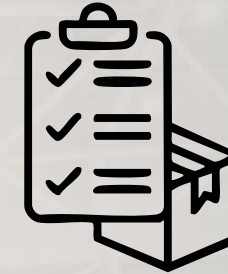
Time Savings

No more walking, no more waiting — instant access at the point of need.



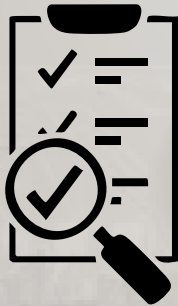
Cost Efficiency

Reduced labor requirements, fewer delays due to part-related issues.



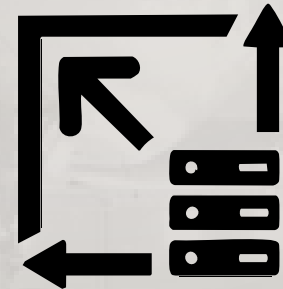
Accurate Inventory

Real-time tracking and automatic stock updates ensure precision logistics.



Full Traceability

Every part, every movement, every technician — all actions are digitally logged.



Flexibility & Scalability

Adaptable to different aircraft types, expandable with additional modules.



Security & Quality Assurance

Unauthorized access is prevented, and all quality processes are reinforced.

Why Us? Why Now?

- **“Lock & Go” Concept** – tow it under the aircraft, access instantly.
- **Direct Integration** with ERP & MRO systems.
- **Full Traceability** for every part – barcoded, signed, and digitally logged.
- **Offline Mode Support** – operates even during power outages.
- **Locally Manufactured** with customization options (where available).

AIRDOCK

More than just a cabinet – it’s a digital warehouse delivered to the feet of your flying fleet.



A Faster, Smarter, and Fully Traceable Maintenance Process — Now a Reality

AIRDOCK doesn't just optimize maintenance workflows;
it enhances operational efficiency, reduces costs, ensures complete traceability,
and empowers technical teams to focus on what truly matters.

Because real value is created not when the aircraft is on the ground
—but when it's in the air.

And with AIRDOCK, we minimize every minute spent on the ground.



Let's Start with a Pilot Implementation

Let's activate the **AIRDOCK** system on a specific maintenance line and measure its performance together — using real-world data.

- Operational efficiency analysis
- User experience feedback
- ROI (Return on Investment) calculation
- Customization options, if needed



CoolAer



Let's Take Aircraft Maintenance to the Next Level.

Maintenance materials will no longer wait for the technician —
they'll be right there, *by their side*.

Digitize your aviation maintenance operations with AIRDOCK.
Save time. Cut costs. Win with a smarter system.