

# **Adaptensor**

B E T A   T E S T I N G   P R O G R A M

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## **Setup & User Guide**

**V3**

For Beta Testers of the Adaptensor Platform

**[beta.adaptensor.io](https://beta.adaptensor.io)**

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## QUICK REFERENCE

Section	What You Need
Getting Started	Register, log in, navigate the portal
AdaptAero	Aviation MRO features — aircraft, work orders, FAA compliance
AdaptBooks	POS, inventory, accounting, customer management
AdaptVault	Document vault, AI analysis, IA inspector tools
Reporting Bugs	How to submit clear, actionable bug reports
Feature Requests	How to suggest and vote on new features

## Section 1: Welcome to the Adaptensor Beta Program

Thank you for joining the Adaptensor Beta Program. You are among the first to test the platform that is being built to transform how small and mid-size businesses manage their operations, finances, and compliance documentation.

The Adaptensor ecosystem consists of three integrated products:

### AdaptAero — Aviation MRO Management

FAA-compliant maintenance tracking, work orders, parts traceability, compliance engine, and full accounting — built for A&P mechanics, repair stations, avionics shops, and aircraft owners. Located at [aviation.adaptensor.io](http://aviation.adaptensor.io).

### AdaptBooks — Business Management Platform

Point of sale, inventory management, double-entry accounting, customer/vendor management, work orders, and industry-specific modules for retail, auto service, manufacturing, restaurants, and more. Located at [adaptbooks.io](http://adaptbooks.io).

### AdaptVault — Secure Document Intelligence

Encrypted document storage, AI-powered document analysis, IA inspector certification management, regulatory retention compliance, and full-text search. Located at [vault.adaptensor.io](http://vault.adaptensor.io).

As a beta tester, your role is to explore the platform, test workflows, report bugs, and suggest features. Every piece of feedback helps us build a better product. You do not need to be a developer or a technical person — we want feedback from real users who will actually use this software in their day-to-day operations.

**Your feedback matters.** We read every bug report, every feature request, and every comment. The beta portal at [beta.adaptensor.io](http://beta.adaptensor.io) is your home base for all of it.

## Section 2: Getting Started

### 2.1 – Registration

Follow these steps to register as a beta tester:

1. Go to [beta.adaptensor.io](https://beta.adaptensor.io)
2. Click the Register for Beta Access button on the landing page.
3. Fill in your information: full name, email address, company/organization name, and your role (A&P Mechanic, Shop Owner, IA Inspector, Aircraft Owner, Business Owner, Pilot, or Other).
4. Select which products you are most interested in testing: [AdaptAero](#), [AdaptBooks](#), and/or [AdaptVault](#). You can select more than one.
5. Add any notes about what you hope to test or what problems you are currently facing with your existing tools.
6. Submit. You will receive a confirmation email once your account is approved.

#### Approval Process

Beta registrations are reviewed by the Adaptensor team. Most approvals happen within 24 hours. You will receive an email notification when your account is approved and ready to use.

### 2.2 – Logging In

Once approved, you can log in to any Adaptensor product using the same credentials. We use Single Sign-On (SSO) across all \*.adaptensor.io subdomains, so one login works everywhere:

- beta.adaptensor.io – Beta Portal (bug reports, feature requests, announcements)
- aviation.adaptensor.io – AdaptAero (aviation MRO platform)
- adaptbooks.io – AdaptBooks (business management platform)
- vault.adaptensor.io – AdaptVault (document vault & AI analysis)

### 2.3 – The Beta Portal

The beta portal at beta.adaptensor.io is your command center. Here is what you will find:

Feature	Description
Dashboard	Overview of your activity, recent announcements, and platform stats

Report a Bug	Submit bug reports with screenshots, severity level, and reproduction steps
Request a Feature	Suggest new features and vote on suggestions from other testers
Tracker	View all submitted bugs and features with filters by status, severity, and product
My Reports	See all bugs and features you have personally submitted
Announcements	Platform updates, new feature releases, and beta program news

## Section 3: Platform Overview

The Adaptensor ecosystem is built as a unified platform where products share authentication, data infrastructure, and design language. Here is the current module status across all three products:

### 3.1 – Module Status

#### AdaptAero Modules

Module	Status	Description
Aircraft Registry	Active	N-number tracking, engines, propellers, components, time logs
Aviation Work Orders	Active	Squawks, inspections, logbook entries, IA sign-off
FAA Compliance Engine	Active	AD tracking, service bulletins, inspection scheduling, alerts
Parts Traceability	Active	Condition codes, 8130-3 tags, serial tracking, SUP investigations
FAA Form Generation	Active	Form 337, 8130-3 tags, logbook entries
Personnel & Certs	Active	Mechanic profiles, IA tracking, tool calibration
Aviation Reports	Active	Fleet status, compliance matrix, job costing, utilization
Customer Portal	Active	Token-based WO viewing, supplement approval, progress tracking
IA Inspector Vault	Active	IA certificate management, inspection log, renewal tracking
3-Party Messaging	Active	Shop, IA, and owner communication threads
Notifications	Active	Email + SMS + in-app with user preferences
Data Migration Wizard	Coming Soon	Import from paper, spreadsheets, Corridor, CAMP, QuickBooks

#### AdaptBooks Modules

Module	Status	Description
Point of Sale	Active	Ring up sales, process payments, print receipts
Inventory Management	Active	Track stock levels, purchase orders, receiving

Accounting / GL	<b>Active</b>	General ledger, journal entries, chart of accounts
Accounts Payable / Receivable	<b>Active</b>	Bills, invoices, payments, aging reports
Financial Reports	<b>Active</b>	P&L, balance sheet, trial balance, tax reports
Customer Management	<b>Active</b>	Customer profiles, purchase history, charge accounts
Vendor Management	<b>Active</b>	Vendor profiles, bills, purchase orders
Onboarding Wizard	<b>Active</b>	Industry-specific setup with sample data seeding
Work Orders	<b>Active</b>	Service tickets, labor tracking, parts used

## AdaptVault Modules

Module	Status	Description
Document Vault	<b>Active</b>	Encrypted document storage with regulatory retention
AI Document Analysis	<b>Active</b>	AdaptGent-powered document intelligence and extraction
IA Certificate Management	<b>Active</b>	Track IA authorization, renewal methods, expiration
Inspection Log	<b>Active</b>	Automated and manual inspection record keeping
Renewal Tracking	<b>Active</b>	All 5 FAA renewal methods with progress tracking
Training Records	<b>Active</b>	Training history, certificates, recurrent requirements
Service Requests / RFQ	<b>Active</b>	Request quotes from IAs with bidding system
Reviews & Ratings	<b>Active</b>	IA inspector reviews and quality ratings

## Section 4: AdaptAero — Aviation MRO Management

**AdaptAero** is the aviation MRO module of the Adaptensor platform. It is the only affordable, modern, FAA-compliant maintenance tracking and accounting system built for small to mid-size aviation maintenance operations.

Access: [aviation.adaptensor.io](https://aviation.adaptensor.io)

### 4.1 — Who Is This For?

- **Independent A&P Mechanics** — one or two mechanics working on GA aircraft
- **Small Repair Stations (Part 145)** — 5–20 employees with FAA record-keeping requirements
- **Avionics Shops** — specializing in avionics installation, repair, STCs, and 337s
- **Powerplant / Engine Overhaul Shops** — tracking TSN, TSO, TBO, cycles, and life-limited parts
- **Paint & Interior Shops** — long-duration work orders with progress billing
- **Aircraft Owners & Operators** — free portal access to track maintenance on their aircraft
- **FBOs with Maintenance** — integrated billing for maintenance, hangar, and fuel

### 4.2 — Key Features to Test

#### Aircraft Registry

The aircraft registry is the central hub. Every work order, inspection, part, and compliance item links to a specific aircraft. When testing, try the following:

- Create an aircraft with full details: N-number, serial number, make/model, year, category, engine info, propeller info
- Add installed components with serial numbers and life limits (hours, cycles, calendar months)
- Log flight time and cycles — verify that TTAF, engine TSN, and propeller TSN update correctly
- Upload documents to the aircraft vault (registration, airworthiness certificate, W&B, logbook pages)
- Try removing a component and verify it appears in the component history with removal reason

#### Aviation Work Orders

Aviation work orders carry regulatory weight. A completed WO is a legal document certifying an aircraft is airworthy. Test the full lifecycle:

- Create work orders of different types: Annual Inspection, 100-Hour, Routine Maintenance, Major Repair, Avionics Installation
- Add squawk items (discrepancies) with ATA chapter codes, descriptions, and corrective actions
- Log labor time against the WO — try both flat-rate and actual time methods
- Pull parts from inventory and record them against the WO with condition codes and 8130-3 tag references
- Walk a WO through the full status lifecycle: Draft → Estimated → Approved → In Progress → Inspection Hold → Complete → Invoiced → Paid
- Generate logbook entries and verify they meet 14 CFR 43.9/43.11 formatting

## FAA Compliance Engine

This is the heart of AdaptAero — the feature that will sell the product. Test thoroughly:

- Review the AD (Airworthiness Directive) compliance matrix for each aircraft
- Check AD status color coding: green (current), yellow (coming due), red (overdue)
- Track recurring ADs with interval-based next-due calculations
- Review inspection scheduling: annual, 100-hour, transponder (91.411), pitot-static (91.413), ELT (91.207)
- Verify service bulletin tracking with compliance status
- Test the AD status report printout — this is the first thing an IA reviews during an annual

## Parts Management

Aviation parts require full chain-of-custody traceability. Every part on a certificated aircraft must have documented history.

- Receive parts into inventory with condition codes (NE, OH, SV, AR, RP, IN) and 8130-3 tag references
- Issue parts to work orders and verify inventory decrements and COGS journal entries fire automatically
- Track serialized parts individually with TSN, TSO, and life limit tracking
- Test shelf-life tracking for consumables (sealants, adhesives, rubber goods)
- Use the POS counter for over-the-counter parts sales — verify 8130-3 tag prints with the receipt

## Customer Portal

Aircraft owners receive free, token-based access to view their work orders. No login required.

- Generate a portal link for a work order and open it in an incognito/private browser window
- Verify the owner can see: WO status, scope of work, squawk items, photos, authorization summary
- Test supplement approval: create a supplement (additional work), send it to the owner, approve/decline via portal
- Test the "Call Me" button — verify the shop receives a notification

## Pricing Reference

Tier	Monthly Price	Target Customer	Includes
Solo Mechanic	\$99/mo	Independent A&P, 1-2 users	Up to 25 aircraft, full compliance engine
Shop	\$199/mo	Small repair station, 3-10 users	Up to 100 aircraft, Part 145 features, job costing
Enterprise	\$299/mo	Large MRO, 10+ users	Unlimited aircraft, advanced analytics, API access
Aircraft Owner	FREE	Fleet owners, flying clubs	View-only portal via MRO/IA — no subscription required

## Section 5: AdaptBooks — Business Management Platform

**AdaptBooks** is the foundation of the Adaptensor ecosystem. It is a complete business management platform with point of sale, inventory, double-entry accounting, and customer/vendor management — with industry-specific modules for seven different business types.

Access: [adaptbooks.io](https://adaptbooks.io)

### 5.1 — Supported Industries

Industry	Key Modules	Example Businesses
Retail / Hardware	POS, Inventory, Storage Units, Layaway, Gift Cards	Hardware stores, feed stores, bait shops
Aviation MRO	Aircraft Registry, FAA Compliance, Parts Traceability	A&P shops, repair stations, avionics shops
Auto / Service	Work Orders, Vehicle Tracking, Estimates, Appointments	Mechanic shops, tire service, body shops
Manufacturing	Work Orders, Estimates, Inventory, Delivery	Laser cutting, CNC, welding, sign shops
Detail / Car Wash	Work Orders, Vehicles, Appointments, Estimates	Auto detailing, ceramic coating, car wash
Restaurant	Table Management, Kitchen Display, Tips, Catering	Diners, cafes, food trucks, bakeries
General	POS, Inventory, Customers, Accounting	Gift shops, salons, rental businesses

### 5.2 — Key Features to Test

#### Point of Sale (POS)

- Ring up a sale with multiple items — verify line items, tax calculation, and total
- Process different payment types and verify the cash drawer balances
- Apply discounts (percentage and fixed amount) and verify they calculate correctly
- Void a transaction and verify inventory restocks and accounting entries reverse
- Test barcode scanning if you have a barcode scanner available

#### Inventory Management

- Add products with SKU, description, cost, selling price, and reorder point
- Create a purchase order to a vendor, receive the goods, and verify inventory increments
- Perform an inventory count and review variance reports
- Check low-stock alerts and reorder point notifications

## Accounting & General Ledger

- Review the chart of accounts — the system seeds an industry-specific COA during onboarding
- Verify that POS sales create automatic journal entries (Debit Cash/AR, Credit Revenue, Debit COGS, Credit Inventory)
- Create manual journal entries and verify they post to the GL correctly
- Run financial reports: Profit & Loss, Balance Sheet, Trial Balance
- Review AP aging (what you owe vendors) and AR aging (what customers owe you)

## Onboarding Wizard

When you first sign up, AdaptBooks walks you through a 4-step onboarding wizard:

7. Business Information — name, address, phone, EIN
8. Industry Selection — choose your business type from the 7 options above
9. Feature Modules — select which modules you want enabled (POS and Accounting are always on)
10. Data Start — choose: Explore with Sample Data (recommended), Start Fresh, or Import Existing Data

If you choose "Explore with Sample Data," the system loads realistic demo data for your industry — products, customers, vendors, and sample transactions. This is the fastest way to see everything working.

## Section 6: AdaptVault – Secure Document Intelligence

**AdaptVault** is the encrypted document storage and AI analysis platform. For aviation users, it serves as the IA Inspector's professional management tool. For all users, it provides secure, searchable document storage with AI-powered intelligence.

Access: [vault.adaptensor.io](https://vault.adaptensor.io)

### 6.1 – IA Inspector Features

If you hold an Inspection Authorization (IA), AdaptVault is your professional hub:

- **IA Dashboard** — certificate status, renewal countdown, inspection statistics
- **Inspection Log** — automated tracking from completed work orders plus manual entry for outside inspections
- **Renewal Tracking** — all 5 FAA renewal methods: annual inspections performed, major repair/alteration approvals, progressive inspection cycles, 8-hour refresher training, and oral exam from FAA inspector
- **Training Records** — track initial, recurrent, and specialty training with certificate uploads
- **Service Requests** — receive RFQs from shops, submit bids, manage your schedule and availability

### 6.2 – Document Vault Features

- Upload documents of any type — PDFs, images, Word docs, spreadsheets
- Documents are encrypted at rest with AES-256 encryption
- Regulatory retention tagging — Form 337s and inspection records cannot be deleted before their mandatory retention period
- Full-text search across all stored documents via AdaptGent
- AI-powered document analysis: upload a maintenance manual and AdaptGent extracts inspection intervals and wear limits

### 6.3 – Key Features to Test

- Upload several documents and verify they appear in the vault with correct categorization
- Search for a document by keyword and verify search results are relevant
- If you are an IA: check your renewal dashboard and verify it shows accurate progress toward each renewal method

- Test the messaging system — send a message in a 3-party thread (shop, IA, owner)
- Check notification preferences: toggle email, SMS, and in-app notifications on/off
- Test the service request workflow: create an RFQ, view it as an IA, submit a bid

## Section 7: Testing Walkthrough Scenarios

These scenarios walk you through real-world workflows that cross multiple modules. They are the most valuable tests because they exercise the full system.

### Scenario A: Annual Inspection with Avionics Upgrade

This scenario tests the most common real-world workflow in GA maintenance:

11. Create an aircraft: 1975 Cessna 172M, N12345, IO-360 engine, McCauley propeller
12. Add installed components: alternator, vacuum pump, magneto with serial numbers and life limits
13. Create an Annual Inspection work order, assign yourself as mechanic
14. Run through the inspection checklist, document 3 squawk items (discrepancies found)
15. One squawk requires a new alternator — pull from parts inventory, record on the WO
16. Owner wants to add a GTN 650Xi avionics upgrade — create a supplement authorization, send to customer portal
17. Open the portal link in a private browser, approve the supplement as the owner
18. Complete the avionics install, generate Form 337 for the major alteration
19. Complete the annual, generate logbook entries for airframe and engine
20. Return aircraft to service, invoice the customer, record payment

#### What to Verify

AD compliance matrix is current after the annual. Component history shows alternator swap. Time logs updated. Accounting shows correct revenue/COGS. 337 form archived in vault. Customer portal shows completed status.

### Scenario B: New Business Setup with AdaptBooks

This scenario tests the AdaptBooks onboarding and first-day-of-business workflow:

21. Sign up at adaptbooks.io and go through the onboarding wizard
22. Select your industry type (e.g., Retail / Hardware Store)
23. Choose "Explore with Sample Data" to load demo data
24. Navigate to the POS and ring up a sale using the sample products
25. Navigate to Inventory and verify stock levels decreased after the sale
26. Navigate to Accounting and verify journal entries were created automatically
27. Run a Profit & Loss report and verify it shows the sale revenue and cost of goods

28. Create a purchase order to a vendor, receive the goods, and verify inventory updates

### **Scenario C: IA Inspector Managing Renewal**

This scenario tests the AdaptVault IA inspector workflow:

29. Log in to [vault.adaptensor.io](https://vault.adaptensor.io) and navigate to the IA Dashboard
30. Review your IA certificate status and renewal countdown
31. Check the renewal tracking dashboard — verify all 5 renewal methods are displayed
32. Add a manual inspection log entry for an annual you performed outside the platform
33. Upload a training certificate and verify it appears in training records
34. Check the service requests page for any pending RFQs from shops
35. Respond to a service request with a bid
36. Send a message to a shop via the 3-party messaging system

## Section 8: Reporting Bugs

When you find something that does not work correctly, report it through the beta portal. Good bug reports help us fix issues faster.

### 8.1 – How to Submit a Bug Report

37. Go to [beta.adaptensor.io](https://beta.adaptensor.io) and click **Report a Bug**
38. Select the product: AdaptAero, AdaptBooks, or AdaptVault
39. Give it a clear, specific title (e.g., "Work order labor total does not match sum of line items")
40. Describe what you did (steps to reproduce), what you expected to happen, and what actually happened
41. Select a severity level (see Section 10)
42. Attach a screenshot if possible — screenshots are incredibly helpful
43. Submit the report

#### What Makes a Great Bug Report

Be specific. "It doesn't work" is hard to act on. "When I click Complete on a work order with zero squawks, the page shows a white screen and the console shows TypeError: Cannot read properties of undefined" is something our development team can fix in minutes. Include the URL you were on, the browser you are using, and whether you can reproduce it consistently.

### 8.2 – Screenshots

Screenshots are the single most helpful thing you can attach to a bug report. Here is how to take them:

- **Windows:** Press Win+Shift+S to open the snipping tool, select the area, and paste into the bug report
- **Mac:** Press Cmd+Shift+4 to capture a region, or Cmd+Shift+3 for the full screen
- **Browser Console:** Press F12 (or Cmd+Option+I on Mac) to open Developer Tools. Click the Console tab. If you see red error messages, screenshot those too — it gives our development team the error stack trace they need.

## Section 9: Submitting Feature Requests

Have an idea for something the platform should do? Submit a feature request. You can also vote on features submitted by other testers — the most-voted features get prioritized.

44. Go to [beta.adaptensor.io](https://beta.adaptensor.io) and click **Request a Feature**
45. Select the product the feature applies to
46. Give it a clear title describing the capability you want
47. Describe your use case: why do you need this, what problem does it solve, how do you handle it today?
48. Submit. Other testers can vote on your request and add comments.

### Feature Voting

The Tracker page shows all submitted features with vote counts. Click the upvote button on any feature you also want. Higher-voted features get built sooner. You can see current status of every feature: Submitted, Under Review, Planned, In Development, or Shipped.

## Section 10: Severity & Priority Levels

When reporting a bug, select the severity level that best matches the impact:

Severity	Label	Description	Example
P0	Critical	Platform is down or data loss is occurring	Cannot log in. Database error on save. Financial data incorrect.
P1	High	Major feature is broken with no workaround	Work orders cannot be completed. Parts inventory shows wrong quantities.
P2	Medium	Feature works but has issues, workaround exists	Report takes 30 seconds to load. Date picker shows wrong format.
P3	Low	Cosmetic issue or minor inconvenience	Button alignment off. Typo in a label. Color inconsistency.

### When in Doubt

If you are unsure what severity to assign, just pick your best guess. Our team will adjust it if needed. The most important thing is that you submit the report — do not let severity selection stop you from reporting.

## Section 11: Platform URLs & Access Points

Platform	URL	Purpose
Beta Portal	beta.adaptensor.io	Bug reports, feature requests, announcements
AdaptAero	aviation.adaptensor.io	Aviation MRO management platform
AdaptBooks	adaptbooks.io	Business management platform
AdaptVault	vault.adaptensor.io	Document vault & AI analysis
Marketing (Aero)	adaptaero.io	AdaptAero marketing and information
Marketing (Books)	adaptbooks.io	AdaptBooks marketing and information
Marketing (Vault)	adaptvault.io	AdaptVault marketing and information

## Section 12: Frequently Asked Questions

### **Is the beta free?**

Yes. All beta testers have full access to all features at no cost during the beta period.

### **Will my data be saved after the beta?**

Beta accounts use test data. When we launch the production release, you will have the option to migrate your beta data or start fresh with a clean account.

### **Can I invite other people from my shop?**

Yes. Have them register at [beta.adaptensor.io](https://beta.adaptensor.io). The more testers we have from real aviation operations, the better the product will be.

### **I found a bug but I am not sure how to reproduce it. Should I still report it?**

Absolutely. Report it with as much detail as you can remember. Even "one-time" bugs often point to real issues. Include the URL you were on and what you were doing at the time.

### **How do I test aviation features if I do not have a real aircraft to enter?**

When you sign up for AdaptAero and choose "Explore with Sample Data," the system creates demo aircraft with realistic data including engines, propellers, components, work orders, and compliance records. You can test everything with the sample data.

### **Do I need to know about FAA regulations to test AdaptAero?**

No. The system is designed to guide you through compliance requirements. However, if you are an A&P mechanic, IA inspector, or repair station operator, your domain expertise is incredibly valuable for testing the compliance engine.

### **What browser should I use?**

The platform works in all modern browsers: Chrome, Firefox, Safari, and Edge. We recommend Chrome for the best experience and for taking console screenshots when reporting bugs.

### **Is there a mobile app?**

The platform is a Progressive Web App (PWA), which means it works on your phone through the browser. On both iOS and Android, you can add it to your home screen for an app-like experience. A dedicated native app is on the roadmap.

### **How often are updates released?**

During beta, we push updates frequently — sometimes daily. Check the Announcements section of the beta portal for release notes and new features.

## What happens if something breaks while I am in the middle of testing?

Report it and move on to testing something else. Beta software will have issues — that is why we are testing. Your report helps us fix it for everyone.

## Section 13: Contact & Support

If you need help, have a question, or want to discuss something that does not fit neatly into a bug report or feature request:

Contact Method	Details
Beta Portal	beta.adaptensor.io — preferred for all bug reports and feature requests
Email	support@adaptensor.io — for questions, feedback, and general inquiries
Phone	Available upon request for critical issues

**Thank you for being part of the Adaptensor Beta Program.**

*Your feedback is building the future of business management software.*

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