

AITPass

SECURE WINDOWS PASSWORD VAULT



User Guide & Reference

AES-256-CBC Encryption · PBKDF2-SHA256 (600,000 iterations)

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1. What is AITPass?

AITPass is a lightweight, self-contained password vault for Windows. It stores your logins, notes, and image attachments in a single encrypted database file that lives entirely on your own computer — there is no cloud account, no server sync, and no third party that can ever see your data.

AITPass is built for people who want the convenience of a password manager without handing their secrets to a company's servers. The entire database is one portable .db file you fully control: back it up, move it, or store it on a USB drive.

- Military-grade AES-256 encryption of the entire database
- Organize entries into named lists (categories)
- Attach screenshots or images directly to any entry
- Safe to open from two computers at once, with automatic view-only protection
- Works completely offline on the free plan

2. Installing AITPass

AITPass ships as a single Windows installer.

- Download AITPass-Setup.exe from aitsimple.com
- Run the installer — no admin rights are required for a per-user install
- Launch AITPass from the Start Menu

NOTE:

On first launch, AITPass automatically registers a free license in the background. This never blocks the app and requires no form or credit card.

3. Creating Your Vault & Master Password

The first time you run AITPass, you'll be asked to choose where your encrypted database file will be saved, and to set a master password.

- Your master password must be at least 8 characters
- This password is never stored anywhere — it exists only in your memory
- It is the single key used to derive the encryption key for your entire vault

IMPORTANT:

AITPass cannot recover a lost master password. There is no “forgot password” option, by design — this is what makes the encryption meaningful. Store your master password somewhere safe.

Working with Multiple Databases

AITPass can manage more than one vault file. Use DB Settings to select an existing database, create a new one, move the current file, or open its folder in Explorer. The Recent DBs button on the login screen keeps a quick-access list of your last 8 databases, so switching between them takes one click.

4. Encryption — How Your Data Is Protected

AITPass encrypts your entire database using industry-standard cryptography:

Component	Detail
Cipher	AES-256, CBC mode, PKCS7 padding
Key derivation	PBKDF2-SHA256, 600,000 iterations
Salt	Randomly generated per database, embedded in the file
IV	Randomly generated on every save

600,000 PBKDF2 iterations means that even if someone obtained your database file, brute-forcing your master password would be computationally expensive — each guess requires 600,000 rounds of hashing before it can even be tested against your data.

5. The Main Window

The main window is split into three areas:

- Category tabs across the top — your lists
- Entry list on the left — searchable, alphabetically sorted
- Detail panel on the right — Subject, Username, Password, Note, and image attachments for the selected entry

A search box above the list filters entries in the current list by subject, username, or note text as you type.

6. Working with Lists (Categories)

Lists let you separate entries by context — Personal, Work, Banking, Servers, or anything you choose.

- Add List — create a new named list
- Rename — rename the currently open list
- Delete List — marks the list for deletion; nothing is removed until you press Save, and the action can be undone before saving
- Drag a list tab and drop it onto another to reorder your lists (Unlimited plan)

NOTE:

On the Free plan, only your first list is editable. Every additional list remains fully visible in read-only mode — you can always see everything you've saved, you just can't add to it until you upgrade.

7. Adding, Editing & Deleting Entries

Click Add New Entry to open a popup with four fields: Subject, Username, Password, and Note. Only Subject is required.

To edit an entry, select it from the list and change any field in the detail panel — the Save button will start blinking gold to remind you that changes are unsaved. Press Ctrl+S or click Save to commit.

To delete an entry, select it and click Delete. You'll be asked to confirm before anything is removed.

TIP:

Any [http://](#) or [https://](#) link typed into the Note field is automatically detected and turned into a clickable hyperlink — click it to open in your default browser.

8. Image Attachments

Any entry can carry one or more image attachments — useful for license certificates, QR codes, ID scans, or reference screenshots.

- + Add Image — attach an image file from disk
- Paste (or Ctrl+V) — attach an image directly from your clipboard
- Click a thumbnail to open it full-size; right-click to delete it

9. Undo & Redo

Every change to your vault — edits, deletions, list renames, and pending list deletions — is tracked on an undo stack. Use the Undo and Redo buttons (or the equivalent keyboard actions) to step backward and forward through your recent changes before they're saved.

10. Multi-User Safety — View-Only Locking

AITPass uses an OS-level file lock to make it safe to open the same database from more than one computer.

- The first computer to open the database holds an exclusive lock on it for as long as the app is running
- A second computer opening the same file is automatically shown a notice and switched to view-only mode — every entry is still fully visible, but editing is disabled
- AITPass polls in the background; the moment the first session closes the database, the second session is automatically upgraded back to full edit mode, with the latest saved changes loaded

NOTE:

This means you can safely keep a copy of your database on a shared network drive and open it from multiple machines without ever worrying about one session silently overwriting another's changes.

11. Idle Auto-Lock

If AITPass detects no mouse or keyboard activity for 10 minutes, it automatically closes the vault and returns to the login screen. Your master password is required again to continue — this protects your vault if you step away from your computer.

12. Changing Your Master Password

Open Change Pwd DB from the header, enter your current password followed by your new one twice, and confirm. AITPass re-encrypts your entire database with a freshly generated salt and your new password — the app will then close so you can log back in with the new password.

13. Automatic Backups

Available on the Unlimited plan. Open Backup from the header to configure:

- Frequency — Daily, Weekly, or Monthly
- How many recent backups to keep (older copies are pruned automatically)
- Which folder backups are saved to

You can also trigger a manual backup at any time with Backup Now, regardless of the schedule.

14. Free vs. Unlimited License

Feature	Free (Limited)	Unlimited — \$15/year
AES-256 encryption	✓	✓
Entries per list	Unlimited	Unlimited
Editable lists	1	Unlimited
View additional lists	✓ always	✓ always
Image attachments	✓	✓
Undo / redo	✓	✓
Idle auto-lock	✓	✓
Multi-user view-only locking	✓	✓
Change master password	✓	✓
Works fully offline	✓ always	7-day grace period
Automatic scheduled backups	✗	✓
Price	\$0 forever	\$15 / year

NOTE:

Your data is never held hostage. Everything you've ever saved in every list stays fully visible on the Free plan — upgrading only unlocks editing additional lists and automatic backups.

15. Activating a License

After purchasing an Unlimited license, open License from the header (or the activation dialog shown on startup if your license is invalid) and enter your license key. AITPass verifies it against the license server and applies it immediately — no reinstall required.

Your license is bound to your computer's hardware ID. If the license server can't be reached, AITPass falls back to a signed offline cache for up to 7 days before requiring a fresh connection.

16. Frequently Asked Questions

What happens if I forget my master password?

Your data cannot be recovered. AITPass has no backdoor or recovery mechanism — this is intentional and is what makes the encryption meaningful. Always keep your master password somewhere safe.

Can I move my database file to a new computer?

Yes. The .db file is fully portable. Copy it to the new machine, point AITPass at it through DB Settings, and log in with the same master password.

Does AITPass phone home with my data?

No. Your vault contents never leave your computer. The only network calls AITPass makes are lightweight license checks, which contain no vault data whatsoever.

What happens to my extra lists if I don't renew Unlimited?

They remain exactly as they were, fully visible in read-only mode. Nothing is ever deleted or hidden due to licensing.

Can two people share one vault safely?

Yes — that's what the multi-user view-only locking is for. Store the database on a shared or synced folder; whoever opens it first gets edit access, and anyone else opening it afterward sees everything in view-only mode until the first person closes it.

AITPass is developed and maintained by AmitB, part of the AITSimple suite of Windows administration tools.

aitsimple.com