# MileVault - Privacy Policy

**Last Updated: April 5, 2026**

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MileVault ("the App") is a premium vehicle maintenance tracking application developed by Muhammad Khan ("we," "us," or "our"). This Privacy Policy explains how the App handles your information. MileVault is designed with a privacy-first architecture, your data stays on your device.

**Key Principle:** MileVault operates 100% offline by default. No user accounts are required. No data is transmitted to any external server. All processing, including AI-powered predictions and insights, runs entirely on your device.

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## 1. Information We Collect

MileVault collects information that you voluntarily enter into the App. All data is stored locally on your device and is never transmitted to our servers or any third party.

### Vehicle Information

- Vehicle name, make, model, and year
- Vehicle Identification Number (VIN)
- License plate number
- Current odometer reading
- Purchase price and date
- Powertrain type (gasoline, diesel, electric, hybrid, plug-in hybrid)
- Vehicle photos

### Service & Maintenance Records

- Service log entries (title, category, cost, date, odometer, notes)
- Receipt images captured via camera
- Voice transcriptions for hands-free logging (processed on-device only)
- Service schedule and reminder preferences

### Trip & Location Data

- Trip start and end GPS coordinates

- Trip distance and duration
- Trip purpose (business, personal, medical, charity)
- Route data for mileage tracking

### Electric Vehicle Data

- Charging session logs (kWh, duration, cost, charger type)
- Battery state of charge readings
- Charging location names

### Diagnostic Data

- OBD-II diagnostic trouble codes (read via Bluetooth adapter)
- Live engine data (RPM, speed, temperature — when connected to OBD adapter)

### Secure Vault Documents

- Insurance cards and policy documents
- Vehicle registration documents
- Warranty information
- Secure notes

**Important:** None of the above data is transmitted to any server, shared with third parties, or accessible to us in any way. It exists solely on your device (and optionally in your personal iCloud account if you enable sync).

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## 2. How We Use Your Information

Your data is used exclusively within the App on your device to provide the following functionality:

- Display your vehicle dashboard, health scores, and service history
- Generate on-device AI maintenance predictions and cost insights
- Calculate tax-deductible mileage using IRS standard rates
- Track fuel economy and charging session analytics
- Analyze tire tread depth from photos using on-device computer vision
- Read vehicle diagnostic codes via Bluetooth OBD-II adapters
- Generate PDF and CSV reports for your personal records
- Power gamification features (achievements, streaks, weekly challenges)
- Schedule local push notifications for service reminders

*We do not use your data for advertising, analytics, profiling, or any purpose other than providing App functionality directly to you on your device.*

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# 3. Data Storage & Security

## On-Device Storage

All App data is stored locally using Apple's SwiftData framework within the App's sandboxed container. This data is protected by iOS Data Protection (encrypted when the device is locked) and is inaccessible to other apps.

## Encryption

- Secure Vault documents are encrypted using AES-GCM (256-bit) with a user-provided password
- Panic Wipe and Decoy Mode PINs are stored as SHA-256 hashes in the iOS Keychain
- iCloud sync data (if enabled) is encrypted using AES-GCM before upload

## Biometric Protection

If enabled, the App uses Face ID or Touch ID to restrict access. Biometric data is handled entirely by Apple's LocalAuthentication framework and is never accessed or stored by the App.

## Security Features

- **Panic Wipe:** Instantly and irreversibly deletes all App data using a configurable gesture or PIN
- **Decoy Mode:** Displays fabricated data when unlocked with an alternate PIN, protecting your real records from coerced access
- **Runtime Protection:** The App performs integrity checks to detect compromised device environments

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# 4. Third-Party Services

MileVault does not integrate any third-party analytics, advertising, or tracking SDKs. The only external services used are provided by Apple:

## Apple StoreKit 2 (In-App Purchases)

Subscription and tip jar purchases are processed by Apple's App Store. We do not receive or store your payment information. Transaction verification uses Apple's on-device JWS cryptographic verification.

### Apple CloudKit (Optional iCloud Sync)

If you explicitly enable iCloud sync in Settings, your App data is encrypted and synced to your personal iCloud account via Apple's CloudKit framework. This data is associated with your Apple ID, not with us. We cannot access your iCloud data. You can disable sync at any time.

### Apple MapKit

The Shop Finder feature uses Apple's MapKit to display nearby auto repair shops. Location queries are processed by Apple's servers as part of standard MapKit functionality. We do not send your location to any other service.

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## 5. Your Rights & Choices

Because all data is stored locally on your device, you have complete control:

- **Export:** Export your data as PDF, CSV, or Markdown at any time from Settings
- **Delete:** Delete individual records, vehicles, or all data from within the App
- **Panic Wipe:** Instantly delete all App data using the emergency wipe feature
- **iCloud:** Enable or disable iCloud sync at any time from Settings
- **Permissions:** Revoke camera, microphone, location, Bluetooth, or photo access from iOS Settings at any time

### GDPR Compliance (European Users)

All data is stored locally on your device. You have full control to access, export, correct, and delete your data at any time. No data is processed on external servers. No consent is required for data processing as all processing occurs on-device for the sole purpose of providing App functionality.

### CCPA Compliance (California Users)

We do not sell personal information. We do not share personal information with third parties for their marketing purposes. You may delete all your data at any time using the App's settings or the Panic Wipe feature.

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## 6. Device Permissions

MileVault may request the following device permissions. Each is optional and can be denied or revoked at any time:

- **Camera:** Scanning receipts and documents for service log entry
- **Microphone:** Voice-based service logging with on-device speech recognition
- **Speech Recognition:** On-device transcription of voice logs (audio is never sent to any server)
- **Location:** Finding nearby repair shops and tracking trip mileage for tax deductions
- **Photo Library:** Attaching vehicle photos, insurance documents, and tire condition images
- **Bluetooth:** Connecting to OBD-II diagnostic adapters
- **Face ID / Touch ID:** Biometric app lock
- **Notifications:** Service reminder alerts and weekly briefings

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## 7. Children's Privacy

MileVault is not directed at children under the age of 13. We do not knowingly collect personal information from children. The App is designed for vehicle owners and operators, who are typically adults.

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## 8. Changes to This Policy

We may update this Privacy Policy from time to time. Changes will be reflected in the "Last Updated" date at the top of this document. Continued use of the App after changes constitutes acceptance of the updated policy. Material changes will be communicated via the App's "What's New" feature.

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## 9. Contact Us

If you have questions or concerns about this Privacy Policy or MileVault's data practices, please contact us:

**Email:** junaid.muhammadkhan@icloud.com **Developer:** Junaid Muhammad Khan **App:** MileVault (milevault.ios) **Platforms:** iOS, iPadOS, macOS, watchOS