

# Cookie Policy

**Last Updated:** October 16, 2025

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## What Are Cookies?









Cookies are small text files that websites store on your device (computer, tablet, or mobile phone) to remember information about your visit. They help websites provide a better user experience by remembering your preferences and actions.

**Important Update (October 2025):** This application **no longer uses cookies** for storing your form data. We now use **localStorage** (browser local storage) which provides better capacity and reliability. However, third-party cookies from the QuillJS library CDN are still used for library usage analytics.



## How We Use Cookies

**Our cookie usage is 100% user-controlled and privacy-focused:**

-  **User-Initiated Only:** Our cookies are created ONLY when you explicitly click the "Save for Later" button then enter the encryption phrase.
-  **Client-Side Encryption:** All data is encrypted on your device before being stored
-  **No Server Transmission:** Your data never leaves your device or gets sent to our servers
-  **User-Controlled Access:** Only you have the encryption key (your chosen phrase)
-  **Temporary Storage:** Our cookies automatically expire after 30 days
-  **No Tracking:** We do not track your behavior, analytics, or personal information
-  **No Marketing:** We do not use cookies for advertising or marketing purposes
-  **No Third-Party Sharing:** Your data is never shared with third parties (QuillJS analytics track library usage only, not your data)

## Third-Party CDN Cookies



**Note:** This application loads the QuillJS rich text editor library from a CDN ( [cdn.quilljs.com](https://cdn.quilljs.com) ). The QuillJS CDN sets Google Analytics cookies to track library usage statistics. These cookies:

- Are set by QuillJS/Google Analytics (not by us)
- Track QuillJS library usage across websites (not your personal form data)
- Are used by QuillJS developers to understand library adoption
- Do **NOT** have access to your encrypted form data
- Expire after approximately 2 years
- Are subject to [Google's Privacy Policy](#) and [QuillJS's practices](#)

## Cookie Categories

### Strictly Necessary Cookies

These cookies are essential for the basic functionality you've requested:

Purpose	User Control	Can Opt Out?
Form data preservation	User-initiated only	 Yes - don't use "Save for Later"
Session state management	Automatic when saving	 Yes - clear saved data anytime

# Functional Cookies

Purpose	User Control	Can Opt Out?
Remember if you have saved data	Automatic when saving	<input checked="" type="checkbox"/> Yes - clear saved data
Track data expiration dates	Automatic when saving	<input checked="" type="checkbox"/> Yes - clear saved data

## Third-Party Analytics (QuillJS Library)

Purpose	Source	Can Opt Out?
QuillJS library usage tracking	Google Analytics via QuillJS CDN	<input checked="" type="checkbox"/> Yes - block third-party cookies

**Note:** These analytics track how many websites use QuillJS, not your personal data or form content.

## We Do NOT Use

- **First-Party Analytics Cookies:** We do not track your behavior or usage
- **Marketing Cookies:** No advertising or personalization
- **Social Media Cookies:** No social media tracking or sharing buttons

## Detailed Cookie Information

### First-Party Cookies (This Website)

**We no longer use first-party cookies for storing form data.** As of October 16, 2025, all form data is stored in **localStorage** instead of cookies.

#### Why the change?

- Cookies have a 4 KB size limit, which was insufficient for complex forms with table data
- localStorage provides 5-10 MB capacity, allowing us to store larger, more complex forms
- Same security: We use the exact same AES-GCM 256-bit encryption

**Legacy cookie cleanup:** If you have old cookie-based data, it will be automatically migrated to localStorage when you load it.

# localStorage Items (Current Storage Method)

Item Name	Purpose	Encrypted	Size
userFormData	Your encrypted form data	✅ Yes (AES-GCM 256-bit)	Variable (10-500 KB typical)
hasStoredData	Flag indicating data exists	❌ No	~10 bytes
dataExpiration	Timestamp for expiration	❌ No	~20 bytes

For full details on localStorage security, see [STORAGE-POLICY.md](#)

## Third-Party Cookies (QuillJS CDN)

Cookie Name	Provider	Purpose	Duration	Domain
_ga	Google Analytics (via QuillJS)	Track QuillJS library usage statistics	~2 years	.quilljs.com
_ga_B37E2WMSPW	Google Analytics (via QuillJS)	Enhanced analytics for QuillJS usage	~2 years	.quilljs.com

**Important:** These cookies are set by the QuillJS CDN to track how many websites use their library. They track library usage patterns, **NOT your personal form data or information**. Your encrypted form data is stored in localStorage and is completely inaccessible to these analytics cookies.

## Encryption Details (localStorage)

Our localStorage data uses the same military-grade encryption previously used for cookies:

- **Algorithm:** AES-GCM with 256-bit keys
- **Key Derivation:** PBKDF2 with 100,000 iterations and SHA-256
- **Salt:** Randomly generated 16-byte salt per save operation
- **IV:** Randomly generated 12-byte initialization vector per save operation





For complete security details, see [STORAGE-POLICY.md](#)

# Security & Encryption

## How Your Data Is Protected

1. **Client-Side Encryption:** Your data is encrypted on your device using industry-standard AES-GCM encryption
2. **User-Controlled Keys:** Only you know the encryption phrase - we cannot access your data
3. **No Server Storage:** Encrypted data stays in your browser's localStorage only
4. **Local Storage Only:** Data never leaves your device

## What This Means

-  **Privacy:** Your actual form data is unreadable without your phrase
-  **Control:** You have complete control over your data
-  **Transparency:** All encryption happens in your browser (client-side)
-  **Capacity:** localStorage can handle large, complex forms without size limits

## User Risks & Responsibilities




### IMPORTANT: You Accept Full Responsibility




By using the "Save for Later" feature, you acknowledge and accept that:

### Security Risks You Assume:





1. **Phrase Security:** If you choose a weak phrase, your data may be vulnerable
2. **Device Security:** If your device is compromised, your saved data may be at risk
3. **Browser Security:** If your browser is compromised, localStorage may be accessible
4. **Shared Devices:** Anyone with access to your device/browser may attempt to access your data
5. **Data Loss:** We cannot recover your data if you forget your phrase
6. **No Backup:** There is no way to recover lost or corrupted localStorage data

### Your Responsibilities:

-  Choose a strong, memorable encryption phrase (minimum 4 characters recommended)
-  Keep your encryption phrase secure and private
-  Use this feature only on trusted devices

-  Clear saved data when using shared or public computers
-  Understand that our saved data expires after 30 days
-  Accept that data recovery is impossible without your phrase

## Limitations of Our Security:

-  We cannot access your data (even to help recover it)
-  We cannot reset or recover forgotten phrases
-  We cannot guarantee protection against all attack vectors
-  We cannot protect against device-level compromises



## Legal Disclaimer

**THE RISK IS 100% ON YOU.** By using the save functionality, you agree that:

- You use this feature at your own risk
- We are not liable for any data loss, theft, or compromise
- You will not hold us responsible for security breaches on your device
- You understand the technical limitations and accept them



## Managing Your Cookie Preferences

### How to Control Cookies

#### Option 1: Use Our Built-In Controls

- **Save Data:** Click "Save for Later" button (stores encrypted data in localStorage)
- **Load Data:** Click "Load Saved Data" and enter your phrase
- **Clear Data:** Click "Clear Saved Data" (removes localStorage data, not QuillJS cookies)

#### Option 2: Browser Settings - localStorage

You can also manage localStorage through your browser:

- **Chrome/Edge:** Press F12 → Application tab → Local Storage → your site URL → Right-click → Clear
- **Firefox:** Press F12 → Storage tab → Local Storage → your site URL → Right-click → Delete All
- **Safari:** Preferences → Privacy → Manage Website Data → Find your site → Remove

## Option 3: Browser Settings - Cookies (QuillJS only)

To manage third-party QuillJS cookies:

- **Chrome:** Settings → Privacy and Security → Cookies and other site data
- **Firefox:** Settings → Privacy & Security → Cookies and Site Data
- **Safari:** Preferences → Privacy → Manage Website Data
- **Edge:** Settings → Cookies and site permissions → Cookies and site data

## Option 4: Automatic Expiration

Our **localStorage data** is marked to expire after **30 days** and will be automatically cleared on next visit.

**Third-party QuillJS cookies** expire after approximately **2 years**.

## Option 5: Managing Third-Party Analytics Cookies

QuillJS sets Google Analytics cookies that expire after approximately 2 years. To manage these:

- **Block Third-Party Cookies:** Use browser settings to block third-party cookies
  - Chrome: Settings → Privacy and Security → Third-party cookies → Block third-party cookies
  - Firefox: Settings → Privacy & Security → Enhanced Tracking Protection → Strict
  - Safari: Preferences → Privacy → Prevent cross-site tracking (enabled by default)
- **Clear Existing Cookies:** Manually delete `.quilljs.com` cookies from your browser
- **Privacy Mode:** Use incognito/private browsing mode for automatic cookie deletion
- **Ad Blockers:** Many ad blockers automatically block Google Analytics cookies

**Important:** Blocking these analytics cookies will **NOT** affect the rich text editor functionality. The QuillJS library will still work normally; only the usage tracking will be blocked.



## Data Expiration Tracking

When you save data, you'll see messages like:

"Saved data will expire in 30 days"

You can check remaining time by attempting to load your data.

## Contact Information

If you have questions about this Cookie Policy or our data practices:

**Developer:** Austin Steil

**Project:** Document Generator

**Policy Version:** 2.0.0 (Updated for localStorage migration)

For detailed storage security information, see [STORAGE-POLICY.md](#)

## Policy Updates

This policy may be updated to reflect changes in our cookie and storage usage. When updates occur:

- The "Last Updated" date at the top will change
- Significant changes will be highlighted in the application
- Continued use after updates constitutes acceptance of new terms

## Recent Updates

- **v2.0.0 (October 16, 2025):** Migrated from cookie-based storage to localStorage for better capacity and reliability. Same encryption security maintained.
- **v1.1.0 (October 14, 2025):** Enhanced cookie policy documentation
- **v1.0.0 (October 11, 2025):** Initial cookie policy

## Related Information

- **Privacy by Design:** This application is built with privacy as the primary concern
- **Full Storage Details:** See [STORAGE-POLICY.md](#) for complete information on localStorage security
- **Open Source:** The encryption implementation is transparent and auditable
- **Minimal External Dependencies:** Only CDN-hosted libraries (QuillJS) for rich text editing functionality
- **No User Tracking:** We do not track users; QuillJS CDN tracks library usage only (not user behavior)



*This cookie policy is designed to be comprehensive and transparent about our minimal cookie usage.  
Your privacy and control over your data are our top priorities.*