



CamoTextCLI User Guide

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1. Introduction

CamoTextCLI is a text anonymization tool designed to help organizations and individuals detect and obscure sensitive data before sharing text, including in LLM prompts and other AI usecases, to preserve privacy. It operates with zero data retention by default.

CamoTextCLI scans your input(s) for various personally identifiable information (PII) and other types of confidential details, then securely anonymizes them with hashed labels. The human-in-the-loop then reviews the output before further use.

CamoTextCLI is a powerful CLI mode of the CamoText desktop app, useful for integration into automations and AI Agent workflows. Operation is platform-agnostic and headless.

2. System Requirements & Installation

- **Operating System:** Windows 10 or later, or macOS 15+ with compatible dependencies.
 - **Memory and Space:** At least 4 GB RAM; 8 GB or higher recommended for large files. Approximately 220 MB disk space required for the base installation; additional space may be temporarily required for large file processing.
 - **Installation:** Double-click the downloaded installer. Follow on-screen prompts to complete. After installation, CamoTextCLI will be in the directory you've specified.
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3. Data Types & Meanings

CamoTextCLI recognizes and replaces many different categories of text that are commonly considered PII (personally identifiable information) or otherwise commercially sensitive:

- **PERSON:** Full or partial names that might identify an individual.
- **EMAIL_ADDRESS:** Any recognized email format (e.g., *user@domain.com*).
- **PHONE_NUMBER:** Telephone numbers in various formats, including international.
- **DATE_TIME:** Dates and times in various formats (e.g. 01/01/2001, D.O.B. Jan. 1, 2001)
- **ENTITY:** Legal entity names, such as *CamoText Inc.*
- **ORGANIZATION:** Commonly-recognized organizations and associations
- **NRP:** Nationality, religious, and other demographic identifiers
- **MONEY:** Monetary amounts (with currency symbols or references, numerical or words).
- **LOCATION:** General location identifiers (e.g. *Baltimore, Maryland*)
- **ADDRESS / STREET_ADDRESS:** Address lines, road names, etc.
- **CREDIT_CARD:** Numerical string matching common credit card number patterns
- **ACCOUNT:** Account handles, PINs, and names (e.g. *@CamoText1*)
- **US_SSN:** Numerical string matching US social security number pattern
- **US_DRIVER_LICENSE:** Driver's license according to <https://ntsi.com/drivers-license-format/>
- **US_PASSPORT:** string matching US passport number pattern
- **US_BANK_NUMBER:** US Bank Account number
- **US_ROUTING_NUMBER:** US Bank routing number
- **US_ITIN:** US Individual Taxpayer Identification Number
- **UK_NHS:** United Kingdom National Health Service ID number
- **IBAN_CODE:** IBAN banking code
- **IP_ADDRESS:** Both IPv4 and IPv6 patterns (e.g., *192.168.0.1*).
- **MEDICAL_LICENSE:** String matching common medical license patterns
- **MEDICARE_ID:** Medicare Beneficiary Identifier (MBI)
- **UUID:** Universally Unique Identifier strings (e.g., e-signed document identifiers, GUIDs).
- **CRYPTO_ADDRESS:** cryptocurrency addresses (Bitcoin, Ethereum/EVM, Solana)
- **GPS:** GPS Coordinates in common formats (e.g., *38°53'48.1"N 77°00'23.1"W*)
- **FAC:** Facilities, such as buildings or airports
- **URL:** Website urls or hyperlink patterns.
- **FILE:** Common file types and file path strings (e.g., *C:\Users\Username\Documents\secret.pdf, SurveillanceFootageHome.mp4*).
- **PRIORITY:** any text entered in the "Priorities" window by the user.

Note: Some text (such as misspelled personal names, custom IDs, unusual terms, or text with line breaks or multiple whitespaces) might *not* be auto-detected. Detection uses a natural language processing engine combined with probability-based pattern matching, which is not 100% accurate and may miss or improperly label detections.

Sensitivity of text is often subjective and recognizers are not perfect – ALWAYS do a manual review.

4. CLI Documentation

Please use the following link to access the documentation on GitHub: [CamoTextCLI Docs](#)



5. Frequently Asked Questions

Q: Why does my computer block installation, saying the app is from an “unknown” or “unidentified” publisher?

A: Windows’ firewall and macOS’s Gatekeeper have especially sensitive security settings for bundled software, so on some systems they may warn you when trying to install despite the application and installers being code-signed and notarized.

On Windows, double-click the “.exe” file to open the installer, which should display “CamoText LLC” as the publisher. If the file is blocked, the window give an option for “More Info” which, when clicked, should provide an option to “Run Anyway” – after selecting this, the installer will proceed as normal.

On MacOS, double-click the “.dmg” file to open it, drag the .app file to your Applications folder, Right-click the .app in Applications and select "Open." In the pop-up, click "Open" to bypass the warning if it appears.

On either operating system, after CamoTextCLI has been installed, it should be accessible and usable without any further warnings.

Q: Can CamoTextCLI handle large PDFs or Word documents?

A: Yes, up to 50MB and 800 pages, though performance will depend on your system’s memory. PDFs will be slower and more prone to errors in formatting than text files. For large files, consider first copying the text itself to clipboard, converting to a txt file, or breaking them into parts.

Q: Do I need to keep the Anonymization Key?

A: Only if you foresee needing to restore or reference those portions of the original text without using the original text itself. If not, you can ignore it to reduce the risk of unintentional exposure, as it is automatically deleted when CamoTextCLI is closed.

Q: Does CamoTextCLI detect sensitive images or scans of text?

A: In its current version, CamoTextCLI only output textual content. Content other than text (including scanned PDFs with no extractable text) will be ignored.

Q: Why does the tool sometimes over-match or skip certain words?

A: It is designed to often err on the side of caution by over-matching certain patterns, especially considering the ease of reversing false positives. Text that’s misspelled or oddly formatted may be skipped, so always double-check.

Q: Wait, can AI reverse-engineer the hashes from anonymizing?

A: No, the SHA256 encryption is effectively irreversible by current technology. While only 8 characters are displayed for readability, 32 characters are used in the code.



Q: Are there other reasons to use CamoTextCLI other than with AI?

A: CamoTextCLI can be useful anytime redaction is needed or advisable in documents, as a way to quickly remove PII and as an easy-to-use interface for manual redactions, including when combined with other scripts, as an intake filter, and more.

Q: Can I have a special type of recognizer for my company or agency, or remove some recognizers I don't need?

A: Absolutely! Email contact@camotext.ai for custom versions and bulk pricing.

5. Disclaimers & Best Practices

1. REVIEW THE END USER LICENSE AGREEMENT

Use of CamoTextCLI is expressly subject to the accompanying EULA — ensure you read it in full and understand it. If you need another copy, email contact@camotext.ai.

2. DO NOT RELY SOLELY ON AUTOMATED ANONYMIZATION

This software is intended to include *human-in-the-loop review*. Always inspect the output for missed or improperly hashed terms.

3. AIM FOR THE STRICTEST PRIVACY STANDARDS POSSIBLE

If you identify entire paragraphs or other broad sections that pose a risk of re-identification due to their substance, use the priorities feature to anonymize them.

4. SHARING THE ANONYMIZATION KEY DEFEATS ITS PURPOSE

Do not share the key with anyone unless absolutely necessary.

5. CONSULT LEGAL OR COMPLIANCE EXPERTS

Data sensitivity and privacy requirements vary by jurisdiction and context. This tool does not replace professional counsel.

6. FILE FORMATTING LIMITATIONS

Some file types may introduce stray characters or spacing that hamper detection. Check for line-breaks or mid-word splits and correct them if they reveal sensitive data.



6. Contact & Version

- **Website:** <https://camotext.ai>
- **Email Support:** contact@camotext.ai
- **Latest Version:** 0.1.1

Thank you for using CamoText!

If you have any questions or ideas on how to improve the software, please reach out.