

JUMBO BLOCK ENGINEERING SUITE

JUMBO BLOCK Vault

User Manual · Version 0.9.3

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1. Overview & Security Concept

JUMBO BLOCK® Vault is a purely client-side, browser-based application for the secure management, creation, and migration of password containers. All cryptographic operations are executed locally inside the user's browser. Master passwords and plaintext data are never transmitted to external servers.

2. Supported Formats & Key Derivation

- **JUMBO BLOCK Vault Format (.jbv):** Proprietary high-security container format employing Argon2id key derivation and AES-256-GCM authenticated encryption.
- **KeePass Format (.kdbx):** Comprehensive opening, editing, updating, and exporting of KeePass databases including file attachments, tags, and override URLs.
- **Key-File Support:** Option to combine master passwords with key files for multi-factor container access.

3. Key Features & Interface Functions

Feature	Description & Purpose
Open / Create Container	Load existing .kdbx or .jbv files, or initiate a new native .jbv vault.
Group & Entry Management	Organize credentials in multi-level hierarchies with built-in instant search.
Password Generator & Clipboard	Generate cryptographically strong passwords. Automatic clipboard clearing after 25 seconds.
Encrypted Attachments	Embed secure documents and files directly inside the encrypted container.
Automatic & Manual Lock	Instant application locking upon inactivity or manual trigger to protect sensitive views.

4. Legal & Compliance Notes

JUMBO BLOCK® Vault is a protected technology developed by ZANNI GROUP. "JUMBO BLOCK" is a registered trademark of ZANNI GROUP. This tool is built to uphold digital sovereignty and strict compliance with Privacy-by-Design principles.