

COD Stronghold

Zero-knowledge vault for passwords and secrets

In many teams, passwords, credentials, and secrets are scattered across notes, spreadsheets, and chats. They are hard to share and even harder to secure. **Stronghold** is the end-to-end encrypted vault built right into COD: the master password and private keys stay exclusively on the device, the **server stores only ciphertext**. New in COD 3.6 and shipped in production, multi-tenant and fully on-premises.

At a glance: Zero-knowledge (end-to-end encrypted) • crypto: **Argon2id, X25519 sealed box, AES-GCM** • integrated into COD, behind the backend proxy with its permission logic • browser extension for **Chrome** and **Firefox** • personal and shared team vaults • import from KeePass, Bitwarden, 1Password, and CSV.



Zero-knowledge: the server only ever sees ciphertext

Encryption happens in the browser: **Argon2id** derives the key from the master password, **X25519 sealed boxes** encapsulate the keys, and **AES-GCM** secures the entries. Even the link between an entry and an asset lives inside the encrypted blob. The server never learns what an entry points to. Stronghold runs behind the COD backend proxy, with its permission logic, tamper-evident audit log, and rate limiting.



Browser extension for Chrome and Firefox

Prebuilt extensions for **Chrome** and **Firefox** ship with the release bundle. Every device is securely coupled via **device pairing**. If the administrator revokes a device, it is cleanly wiped. **In-page autofill** fills credentials field by field into the real login form, via overlay or keyboard shortcut, including a searchable vault list and copy actions for username, password, and URL.



Team vaults and targeted sharing

Alongside personal vaults there are **shared team vaults** with the roles **OWNER** and **MEMBER**. The last owner is protected. You can share individual entries across users, with **read or write access** and an **expiry date**, public-key encrypted. When access is revoked, the remaining members are automatically rekeyed. Vaults remain strictly separated per tenant.

A vault that fits your team, without giving your secrets out of your hands. See Stronghold live in your COD environment, with no sales pressure.

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