

# VAULT

FINANCIAL WEB DEFENSE - Installation Guide v0.1.1

## Package Contents

This release contains separate packages for Chrome/Brave and Firefox. Version 0.1.1 currently uses the local VAULT analysis engine; external commercial threat-intelligence services are not yet configured.

| Browser        | Package                           | Current distribution state                 |
|----------------|-----------------------------------|--------------------------------------------|
| Chrome / Brave | VAULT-Chrome-Brave-v0.1.1.zip     | Testing package / Web Store ready workflow |
| Firefox        | VAULT-Firefox-v0.1.1-unsigned.zip | Unsigned package ready for Mozilla signing |

## Google Chrome

**1. Download and extract the package.** Download **VAULT-Chrome-Brave-v0.1.1.zip** and extract it to a permanent folder.

**2. Open the Extensions page.**

```
chrome://extensions
```

**3. Enable Developer mode.** Turn on Developer mode in the upper-right corner.

**4. Load VAULT.** Click **Load unpacked** and choose the extracted VAULT folder.

**5. Pin VAULT.** Open the Extensions menu and pin **VAULT - Financial Web Defense** to the toolbar.

For normal one-click consumer installation without Developer mode, VAULT must be distributed through the Chrome Web Store or an approved enterprise deployment mechanism.

## Brave Browser

**1. Download and extract VAULT-Chrome-Brave-v0.1.1.zip.**

**2. Open Brave Extensions.**

```
brave://extensions
```

**3. Enable Developer mode,** click **Load unpacked**, and select the extracted VAULT folder.

**4. Pin VAULT** from the Extensions menu.

Brave supports extensions distributed through the Chrome Web Store. A published VAULT release can therefore provide normal persistent installation for both Chrome and Brave.

## Mozilla Firefox

The included Firefox package is **VAULT-Firefox-v0.1.1-unsigned.zip**. It is an unsigned development/submission package.

### Development testing:

```
about:debugging
```

Choose **This Firefox** -> **Load Temporary Add-on**, extract the ZIP, and select its **manifest.json** file.

For permanent normal installation, Firefox requires the extension to be digitally signed by Mozilla. Submit VAULT to Mozilla Add-ons (AMO), either as a listed or unlisted extension. Mozilla then provides a signed XPI that users can install normally.

## How VAULT Works

Once installed, VAULT analyzes supported pages while the user browses. The current local engine evaluates technical signals such as HTTPS, look-alike domains, Punycode, first-time domain visits, checkout context, payment-domain changes, redirects, and the presence of sensitive form types.

VAULT is designed to detect the **presence** of password or payment fields without reading or storing passwords or card numbers.

## VAULT States

| State          | Meaning                                                                        |
|----------------|--------------------------------------------------------------------------------|
| <b>NOMINAL</b> | No significant suspicious signals were detected by the current local analysis. |
| <b>OBSERVE</b> | One or more signals deserve additional attention or verification.              |
| <b>WARNING</b> | One or more higher-risk technical signals were detected.                       |

A VAULT state is not a guarantee that a website, merchant, investment, payment, or transaction is safe. VAULT presents technical evidence to support the user's own decision.

## Privacy

VAULT is designed around a local-first security model. Sensitive financial credentials are not required by VAULT. External threat-intelligence integrations should only be enabled under appropriate privacy, security, API, and licensing requirements.

## Current Release Limitations

Version 0.1.1 is an early functional build. The local engine is active, but commercial blacklist/reputation providers are not yet connected. Before a paid public release, the extension should be security-reviewed, tested across supported browser versions, connected to properly licensed threat-intelligence sources, and submitted to the official browser stores for signing/review.

**VAULT - Financial Web Defense**

Know before you trust.