BPT — Bank of Passwords and Tokens

A bank with no servers, no employees, and no reports.

BPT — a smartphone with an external magnetic key (on / off). The app looks like a regular QR scanner. Core: **QR codec + XOR engine + one-time counter + SD storage**. Five modules, zero network.

What it does.

- **Stores** passwords, mnemonics, and SCryptoSave card images — on a removable SD card. Pull the SD — bank closed. Insert — open.
- **Generates** SCryptoSave cards as images (PNG/PDF) — ready to print. BPT = autonomous emission center.
- **Exchanges** with peer devices: QR or text via camera and screen. One-time gamma — counter → consumption → deletion. No reuse.
- **Shuts down** physically: magnetic key off = radio modules disconnected at the hardware level. Exchange only via camera.

Uniqueness.

- Stealth: looks like a regular QR scanner
- Air-gap at the hardware level, not in settings
- Gamma cannot be reused — hard deletion by counter
- SD = the entire bank. Removable, portable, destroyable
- Autonomous: independent from Cryptomazer, from the network, from any provider