btcpayserver

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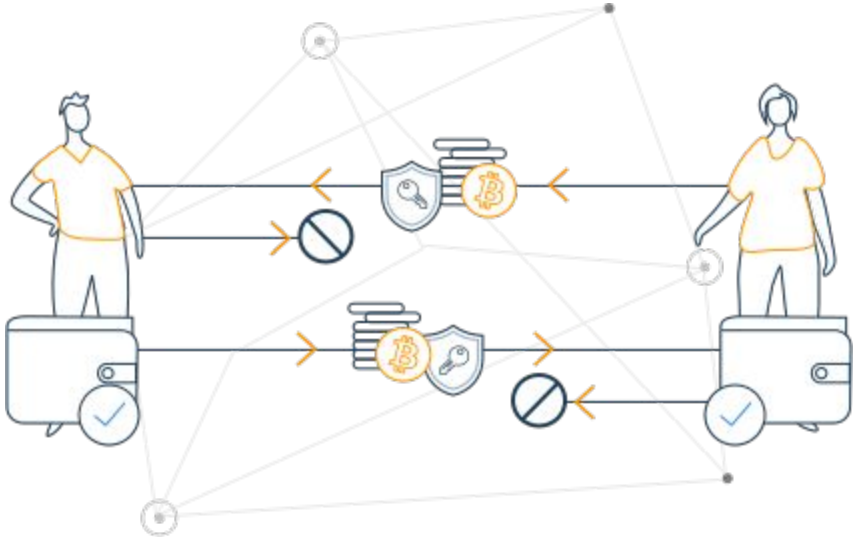
Bitcoin Ljubljana

a little bit of history

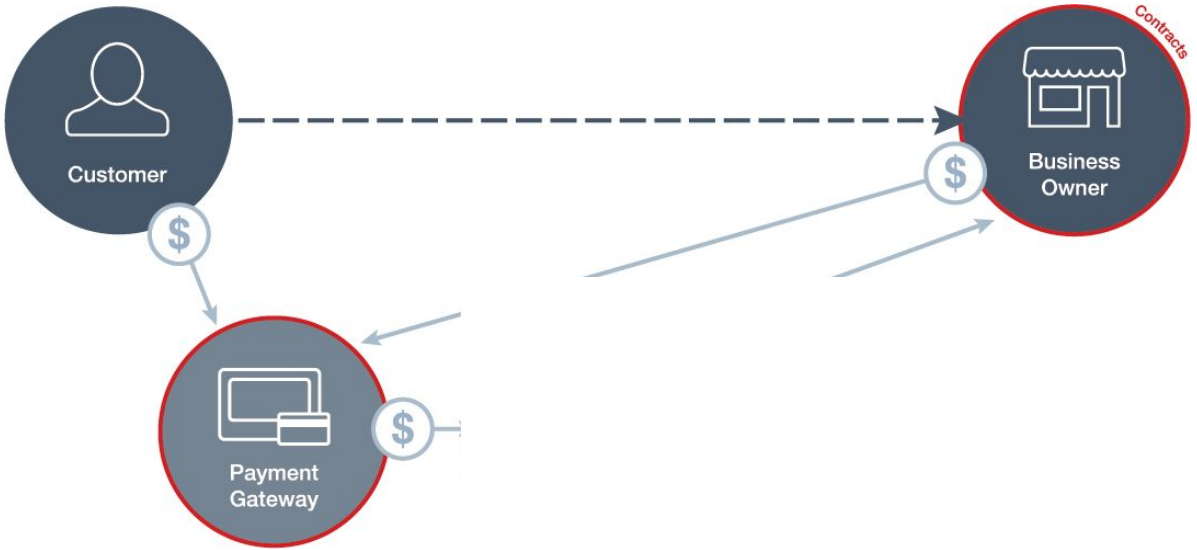
BTCPay Server is a self-hosted, open-source cryptocurrency payment processor. It's secure, private, censorship-resistant and free.

Payment processor

Payment processor



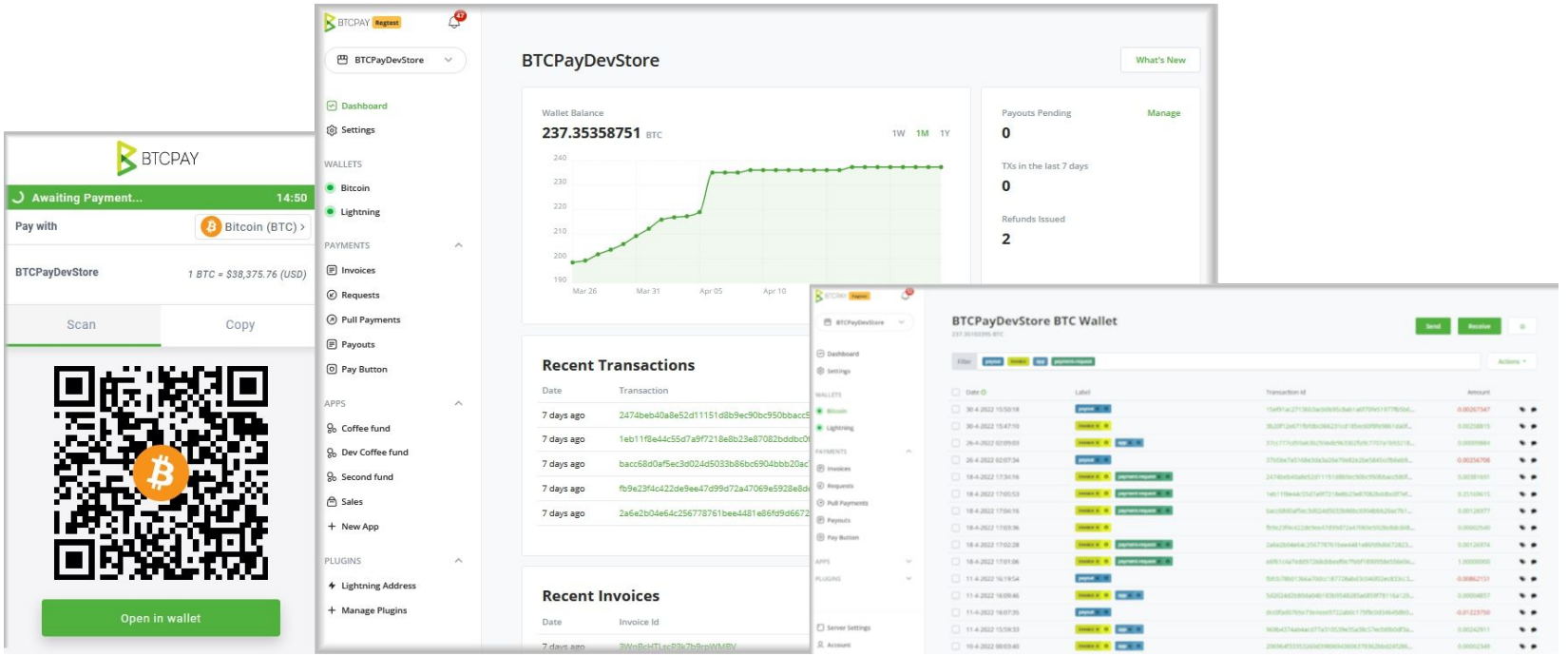
Payment processor



Payment processor

- fully functional wallet
  - new address for each customer payment
  - hot or cold wallet (cold by default, hot only for payjoin support)
- dashboard
- invoices
  - nice looking checkout screen
  - tracking of invoice status (unpaid, pending, paid…)
  - export invoice for accounting
- POS app for merchants with physical stores
- lightning network support

Payment processor



Self-hosted

- users are encouraged to run their own payment processing server
- can be hosted on rented hardware
- users can also use payment processing server from a friend/community

Open-source

- all code is public and open to any inspection/audit
- users can add their own functionality (and then also suggest to others to include this functionality into the main branch of the software)

BTCPay Server Use-Case

BTCPay Server is a feature-rich software with plenty of use-cases that can solve problems for different types of users.

Who can use it?

e-Commerce

Online businesses can connect BTCPay to their stores via integration plugins easily and accept payments from customers.

Brick and mortar

Merchants with physical stores can use our Point of Sale app to accept payments.

Charities & Content Creators

Accept donations via payment button or other apps with an increased level of privacy. No address re-use.

Local Payment Processor

Process payments for your friends or local businesses and help them accept Bitcoin at no cost or for a fee.

Lightning Network

Easy 1-click lightning node deployment. Accept second-layer payments or use the node as a consumer and make payments.

Exchanges

By developing integration with BTCPay exchanges can allow instant to fiat conversion for local merchants.

Hosting Providers

Create easy 1-click BTCPay deployment solutions for your customers or sell BTCPay on a hardware device.

Developers

Learn and get the name out by working on an open-source project and participate in transforming the payment processing business.

BTCPay Server

How is it different?

Free and open-source

Made free to free. MIT License. No transaction, subscription or processing costs. Fully open-source. Payments are direct, peer to peer.

Decentralized

Anyone can deploy a server. Become a self-hosted payment processor and receive payments directly to your wallet. Help your friends or community and process payments for them. An unlimited amount of stores can be attached to a single BTCPay Server.

Private, No middleman

Trusted third parties are security holes. BTCPay eliminates them. Payments are P2P, direct. Data is not shared. There is no KYC/ALM.

Secure

Your private key is never required. Non-custodial. BTCPay only needs xpubkey (public key) to generate invoices. Code is open-source and can be inspected by security auditors and developers.

Censorship-resistant

No central point of failure. Nobody is controlling it except for the user running it. You can run it on your own hardware.

Icon credits: No Mediator by Arthur Shlain, decentralized by Salvia Santos from the Noun Project

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