



btcpayserver

peter opara
10.5.2022



a little bit of history



BitPay  @BitPay · Aug 17, 2017

What Bitcore Users Need to Know To Be Ready for [#Segwit](#) Activation | The BitPay Blog blog.bitpay.com/bitcore-segwit... [#Bitcoin](#)



Nicolas Dorier
@NicolasDorier

This is lies, my trust in you is broken, I will make you obsolete

4:58 AM · Aug 18, 2017

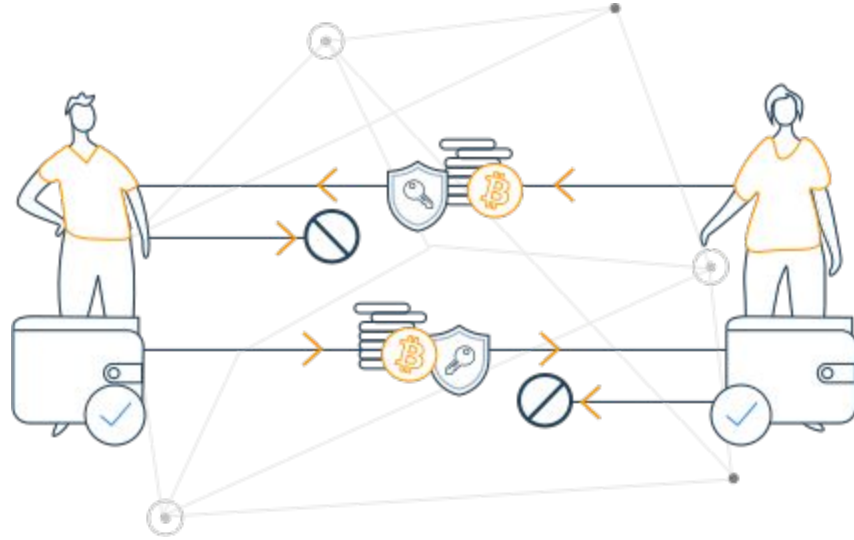


BTCPay Server is a self-hosted, open-source
cryptocurrency payment processor. It's secure, private,
censorship-resistant and free.

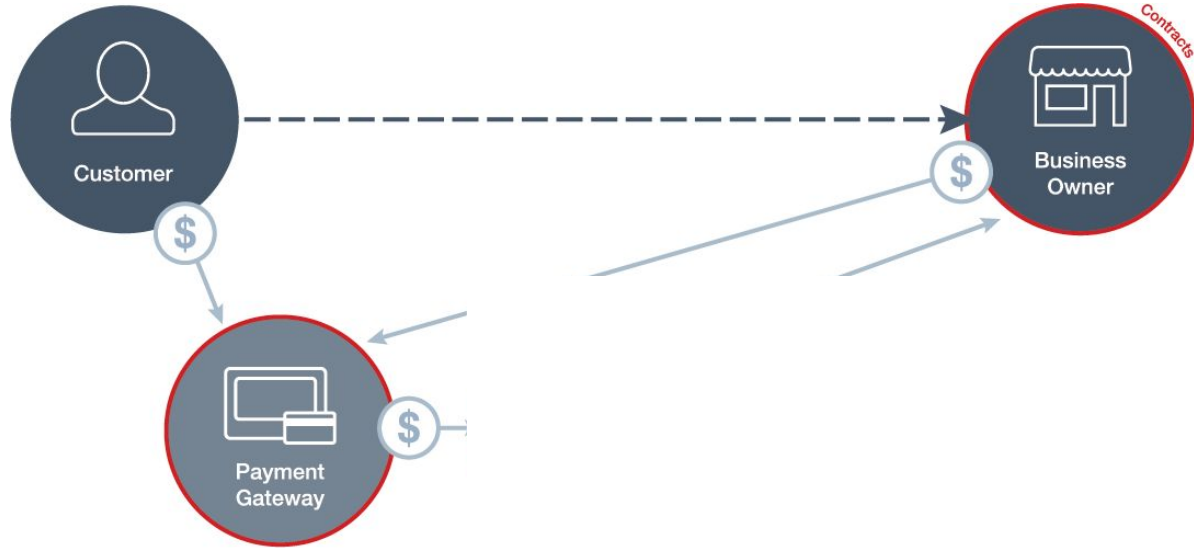
Payment processor



Payment processor



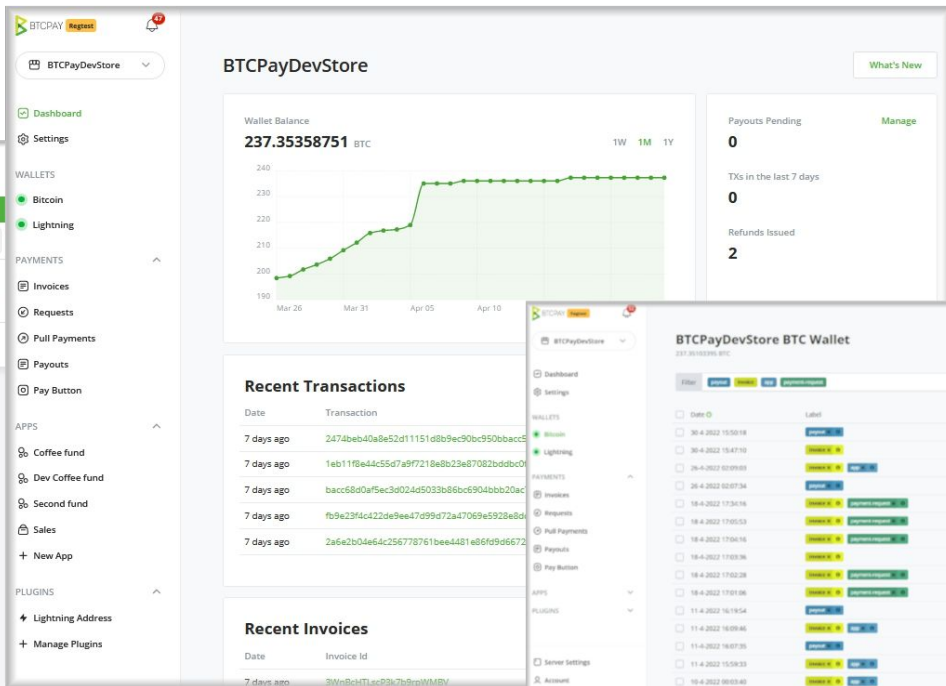
Payment processor



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

The screenshot shows the BTC Pay app interface. At the top, the BTC Pay logo is displayed. Below it, a green header bar contains the text "Awaiting Payment..." and a clock icon showing "14:50". The main content area has a white background. On the left, it says "Pay with" followed by a Bitcoin icon and the text "Bitcoin (BTC)". Below this, the merchant name "BTC PayDevStore" is listed, followed by the conversion rate "1 BTC = \$38,375.76 (USD)". There are two buttons: "Scan" and "Copy". The "Scan" button is highlighted with a green border. Below the buttons is a large QR code for payment. At the bottom, there is a green button labeled "Open in wallet".

[illegible]

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 Middleman by Arthur Silars, decentralized by Salva Santos from the Noop Project

hvala za pozornost