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Introduction and Overview of Bitcoin



Anjali Kamath
General Counsel and
Compliance Manager

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AGENDA



1. What is Bitcoin
2. Background on BitPay
3. Benefits of Using Bitcoin
4. Regulatory/Compliance Challenges

Satoshi Nakamoto

- Attributed with the creation of Bitcoin, a type of cryptocurrency
- Published Whitepaper in 2008:
 - “Bitcoin: A Peer to Peer Electronic Cash System”
- Name is an alias; True identity unknown

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What Exactly is Bitcoin?

- Digital Currency: A form of currency or medium of exchange that is electronically created and stored.
- Cryptocurrency: A type of digital currency that uses cryptography for security and anti-counterfeiting measures by securing the transactions and controlling the creation of new units.
 - cryptography: a method of storing and transmitting data in a particular form so only those for whom it is intended can read and process it.



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Where do you store them?



- Bitcoin storage devices are referred to as wallets.
 - Web-based (Hot wallet)
 - Software
 - Offline storage- USB, paper, etc (Cold wallet or cold storage)
 - External hardware device



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How do you acquire Bitcoin?

Mining



Exchanges



Individuals



In exchange
for
goods/services



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the Blockchain

- The blockchain is a public ledger of all bitcoin transactions in the bitcoin network.

The screenshot shows the Blockchain.info website interface. At the top, there is a navigation bar with links for Home, Charts, Stats, Markets, API, and Wallet. A search bar and language selector (English) are also present. The main content area is titled "Home Welcome to Blockchain" and features a table of recent blocks. Below this, there is a section for "Latest Transactions" and a "Search" box. A "NEWS" section is located at the bottom right.

Height	Age	Transactions	Total Sent	Relayed By	Size (kB)
375792	6 minutes	2857	35,310.55 BTC	F2Pool	976.56
375791	40 minutes	1602	11,459.16 BTC	21 Inc.	974.78
375790	52 minutes	2458	28,171.28 BTC	KnCMiner	912.42
375789	1 hour 0 minutes	1	25.00 BTC	F2Pool	0.26
375788	1 hour 20 minutes	1574	27,451.95 BTC	Telco 214	731.48
375787	1 hour 36 minutes	1261	15,957.97 BTC	AntPool	807.04

Latest Transactions		
f99e5861c3f720e22462fec38...	< 1 minute	0.013 BTC
6be6a031132bc6865aef78374...	< 1 minute	84.34307261 BTC
c92478bfe1... (Eobot)	< 1 minute	2.0081 BTC
77e95d929ecf2afc8ad67dc33...	< 1 minute	0.00245656 BTC
cab12a74133e8b19f3a8eb988...	< 1 minute	0.07004863 BTC
81296baa78ca1163cb752f385...	< 1 minute	21.9999 BTC
c3afa5b18f7306ee05fc7331e...	< 1 minute	3.56876707 BTC
55cc27be3af33eef52ad775fc...	< 1 minute	0.05184411 BTC
c4ecce361d5ce00b965159d5d...	< 1 minute	31.67981112 BTC
54a5701caf4c99e846e1d28b6...	< 1 minute	0.009688 BTC

Search
You may enter a block height, address, block hash, transaction hash, hash160, or ipv4 address...

NEWS

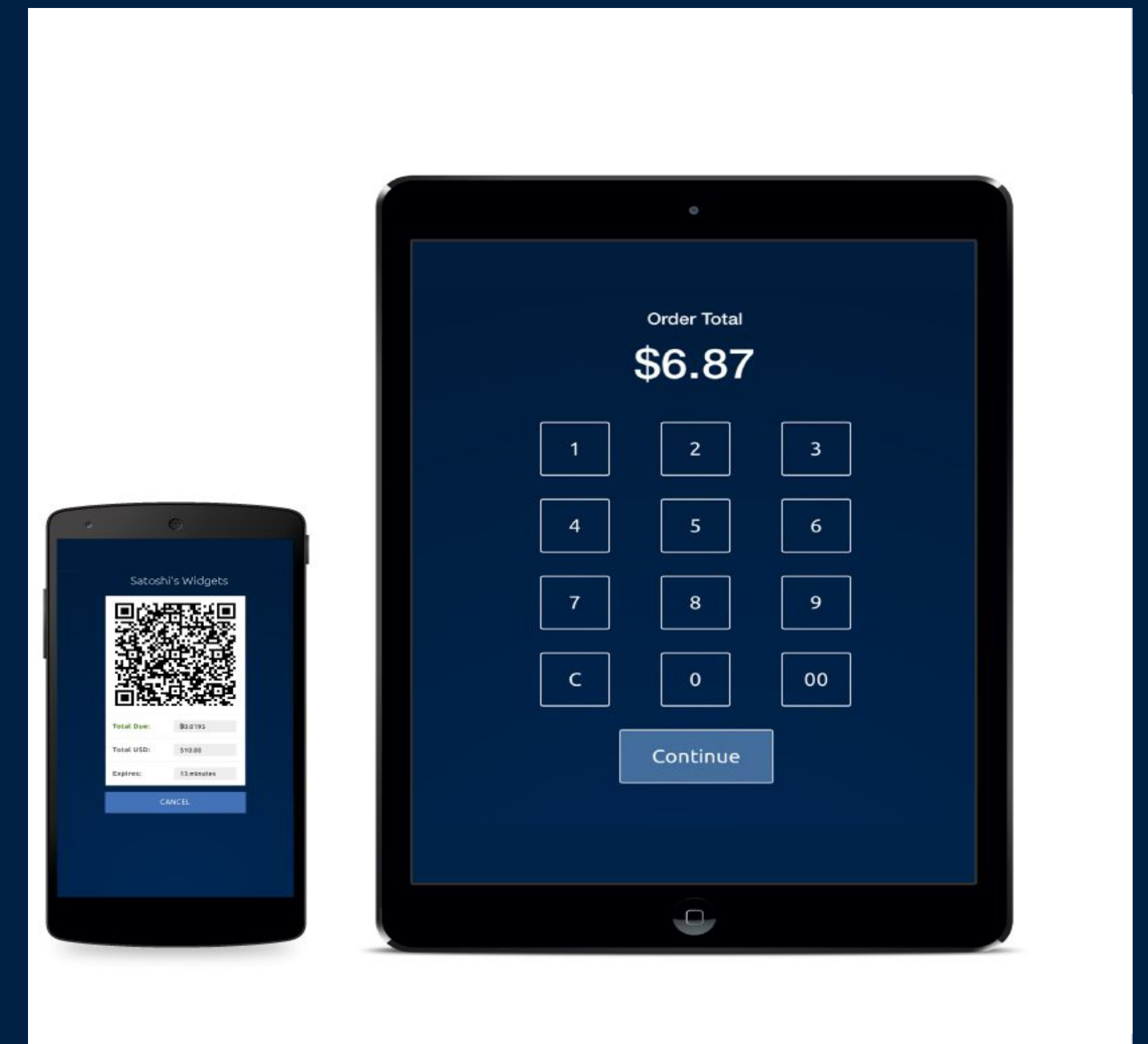
- BTC.sx - Bitcoin Trading Platform | 50% OFF Fees**
BTC.sx ← 1 minute ago
- 0.01BTC to all new Bitmessage users**
Reddit 7 minutes ago
- We're Excited to Announce that KeepKey Ships Today**
Reddit 13 minutes ago
- Google & Coin Center "Digital Gold" book event with Nathaniel Popper**
Reddit 26 minutes ago
- Money 20/20 – The Venetian, Las Vegas – October 25-28, 2015 – Last Call For Sponsors**
Bitcoinist 29 minutes ago
- BitLendingClub officially rebrands to Loanbase**
Reddit 38 minutes ago
- Circle Paused all deposits and withdrawals - 9/22-9/23**
Reddit 56 minutes ago
- PSA Circle is now only instant with debit**

WHO WE ARE

BitPay is a Merchant Processor, providing payment processing solutions for Merchants wanting to accept bitcoin as payment for goods and/or services.

We currently offer:

- Point of Sale Apps for retail stores
- Online solutions for ecommerce



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WHO WE ARE

- World's first bitcoin payment processing gateway
- Only service businesses
- Wallet agnostic
- Guaranteed exchange rate
- No transaction fees or chargebacks
- Daily bank settlement in 9 currencies and 33 countries



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SAN FRANCISCO



ATLANTA

AMSTERDAM



TUCUMAN



BUENOS AIRES



May 2011
BITPAY FOUNDED

70
EMPLOYEES WORLDWIDE

60,000
MERCHANTS WORLDWIDE

\$32,700,000
CAPITAL RAISED

Index Ventures
Founders Fund
Horizons Ventures
RRE Ventures
Felicis Ventures
TTV Capital
Richard Branson
Jerry Yang

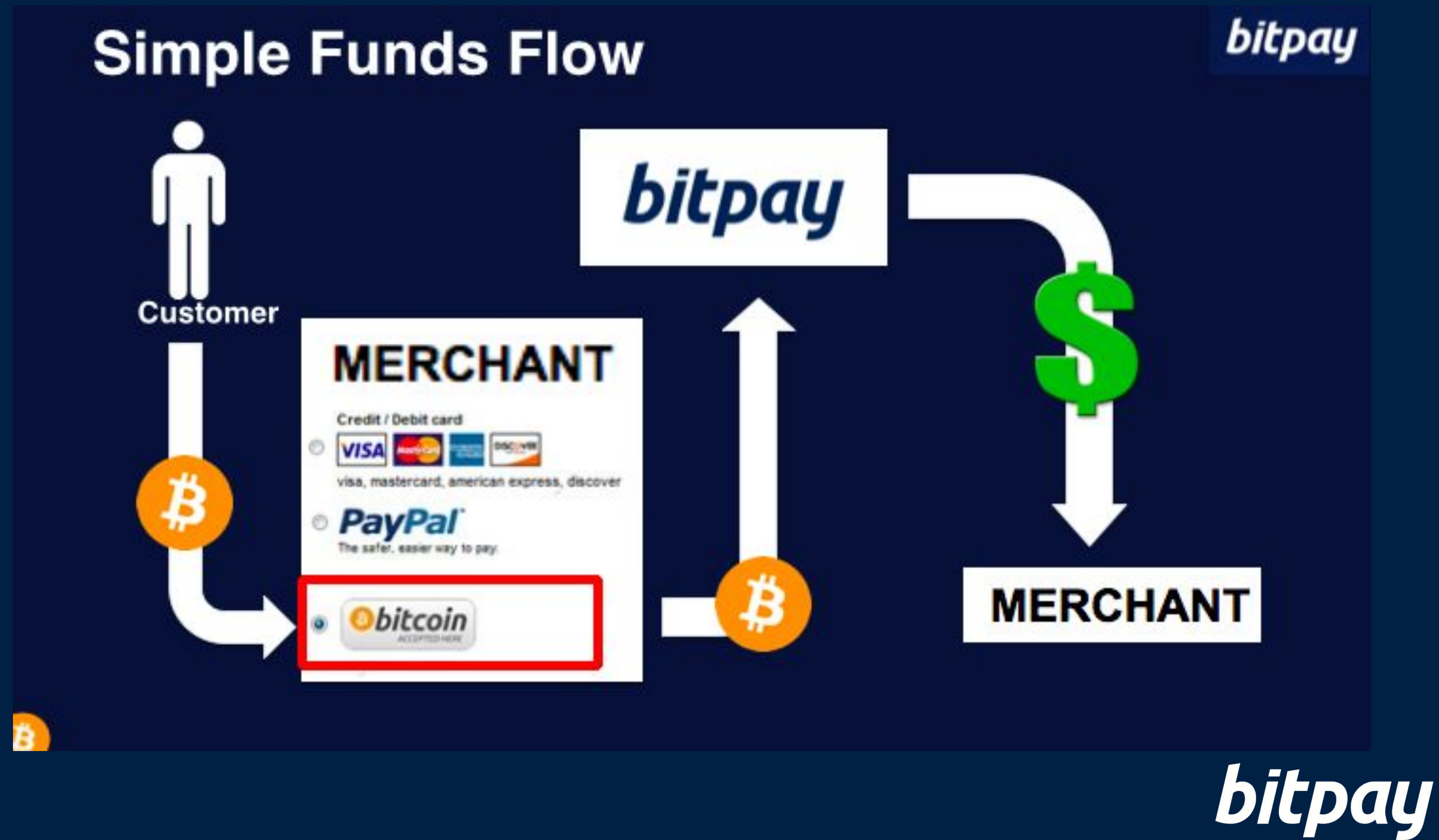
Marquee Clients

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How does it work?



Why Bitcoin?

- No chargebacks
- No risk of fraud or identity theft
- Anonymous (to a certain extent)
- You own it and no one can take it away from you
- Ease of use: Fast, secure, and global; little to no fees
- Not subject to inflation
- Accessible to the “unbanked”

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BitPay's Compliance Program

Designation of Chief Compliance Officer

Tailored Internal Policies, Procedures, Controls

BSA/AML Program

Ongoing, Relevant Training of Employees

Independent Compliance Review

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ANY QUESTIONS?

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