



BitCar : Vehicle Crypto-Node.

Vehicle Crypto-Node.



Bitcoin.

- Full node. Full blockchain copy.
- Vehicle wallet.
- Send & receive BTC.
- Blockchain raw data storage (events, notarisaton, time-stamping,...)
- Bitcoin account management.
- QR-Code Support.
- EG
 - Vehicle micro-payments
 - P2P, V2P, P2V, V2X, (P&V)2X,.

Ethereum.

- Full node. Full blockchain copy.
- Vehicle wallet.
- Send & receive ETH
- EG
 - Watch & execute V2X, P2X ~ 'smart contracts'.
 - Vehicle data sales. Pay per use SW updates.
 - Vehicle / marque 'asset' tokenisation (shares, tickets, ..

Alt-currencies.

- Send & receive any crypto-currency via ShapeShift.
- Switch vehicle BTC to/from ETH, etc (automatically).

Vehicle Crypto-Node.



Interface

GUI.

- Vehicle Wallet(s)
- Account Management & detailed transaction reports.
- Key / BTC Address
- QR-code generation.
- API [*under development*].

Connectivity

- Browser interface.
- Wi-Fi, Bluetooth, Ethernet.
- Vehicle/ phone hotspot or public internet.

Hardware

- PoC Based on Raspberry Pi 2/3.
- 128GB SDX Class 10.
- Twin CAN / CAN-FD.

Software

- Bitcoin-cli [JSON-RPC], Geth, CAN (SocketCAN, etc), Node.JS, PHP,..

Applications

- f̂ (Bitcoin, Ethereum, CAN, Wi-Fi, Bluetooth,...) ^ your imagination.

Vehicle Crypto-Node.



Pair with BitCar ?

selected :
scanning...

74:29:AF:95:71:42 INSD2

GO

```
(1462793428.572874) can0 100#0F
(1462793428.672990) can0 100#0F
(1462793428.772988) can0 100#0F
(1462793428.872734) can0 100#0F
(1462793428.972694) can0 100#0F
(1462793429.072751) can0 100#0F
(1462793429.172766) can0 100#0F
```



SSID = INSCONETV



account_name

pass_code

login



blocks : 412705
getblockcount : 412705
connections : 8

ACCOUNT : james

TOTAL 0.01212519 BTC



[+] your receive address
1BespgCfFAxMK9u52KFHxFu2XiUMfzEdYm
balance= 0.01212519 BTC

address: 1BespgCfFAxMK9u52KFHxFu2XiUMfzEdYm
receive
amount: 0.01212519
fee:
confirmations: 565
blocktime: Tue, 17 May 2016 10:05:42 +0000

Vehicle Crypto-Node.

Features

- Connect to node hotspot via phone, tablet, PC, etc.
- Pair via Bluetooth and receive QR-codes via OBEX push.
- Send/Receive BTC/ETH micro-payments for vehicle data, resources, etc.
- Conduct (automated) single/multi-sig transactions with Bitcoin, Ethereum & a range of other crypto-currencies via ShapeShift.



Benefits

- Only requires an internet data connection (c30Mb/hour).
- Fully stand alone 'node' security with own copy of blockchain.
- No cloud / servers required.
- No registration required.
- Strongly Pseudonymous.
- Decentralised.
- Permission-less.
- Low cost of adoption.
- Modest cost of operation since 30MB/hr required to maintaining local blockchain.

Power Supply

- 5V uUSB

options :

- 5V / 2.1A+ USB/cigarette lighter adapter.
- 5V / 2.1A+ via OBD connector (power up/down on CAN option).
- Rechargeable 16,000mAh 5V 2A 2xUSB (2.1A+2.4A) Lithium-Ion power pack.

Vehicle Crypto-Node.



inspiring co

EP90group