



BITCOIN

Korbit

Korea
Bitcoin
Exchange





무엇?

ⓑ 무엇?

지불 네트워크



PayPal™





무엇?

지불 네트워크



ⓑ 무엇이?

화폐



달러

PayPal™

달러



도토리



골드



무엇?

화폐



비트코인

ⓑ 무엇?

금융 플랫폼



ⓑ 무엇?

금융 플랫폼



비트코인 플랫폼



왜?



지불 네트워크 수수료, 속도, 확정



지불 네트워크 수수료, 속도, 확정

화폐 한정



지불 네트워크 수수료, 속도, 확정

화폐 한정

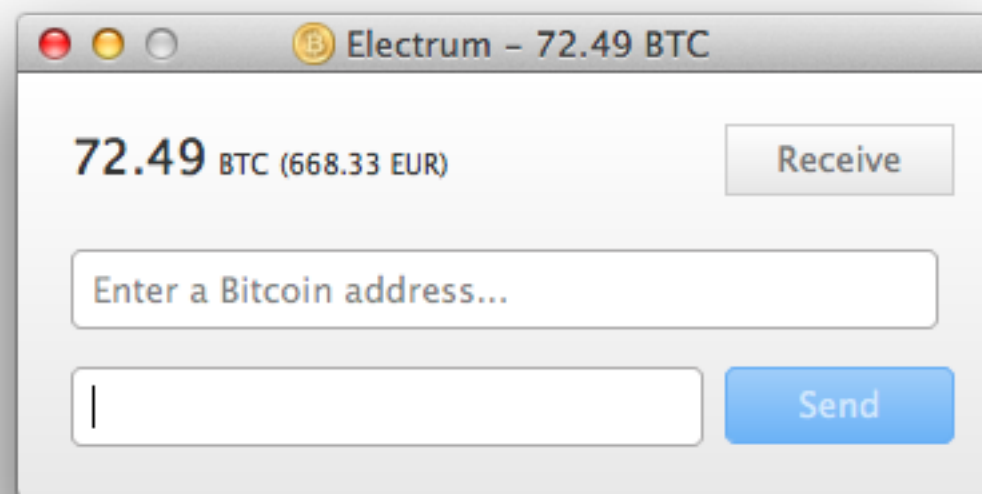
금융 플랫폼 견고, 개방



작동원리



작동원리





작동원리

비트코인 DB

I D8owwm2v3j	₩ 3.0
I 4cZMQk89mR	₩ 21.0
I 8uvwkMjsg9cx	₩ 1.5
I GJu3PZ53xWq	₩ 0.01
⋮	

<u>ID8owwm2v3j</u>	฿ 3.0
I4cZMQk89mR	฿ 21.0
<u>I8uvwkMjsg9cx</u>	฿ 1.5
IGJu3PZ53xWq	฿ 0.01
⋮	

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IGJu3PZ53xWq	฿ 0.01
⋮	

1794
February 12 To Goods for 119 dozens
1797 May 25 To do for 115 dozens

1798 Sept 7 To Ship for 20 Bundles
1799 Dec 10 To do for 30 Bundles

1795 April 29 To Goods for 58 dozens
1796 May 15 To Ship for 20 Bundles
1797 July 12 To do for 15 do 23 dozens of Linings

1798 July 2 To Goods for 60 dozens
1799 Sept 13 To Ship for 22 Bundles
30 To Goods for 110 dozens
1797 April 25 To Goods for 102 dozens
October 22 To W. Madden who adv. advised by him to pay them

3	215 12
147	190 6
256	64 -
.	96 6
	100 6
268	135 10 4
275	53 8 4
285	206 6 -
	395 4 8
296	112 3 -
298	58 4 -
299	166 15 -
302	264 8 -
187	1815 8 -
	283 3 8

H. J. Cox & Nottingham

1799
Dec 31 To Goods
1798 Aug 21 To W. Madden for diff. in 1st do London.
Sept 29 To Cash
Dec 31 To Abatement for direct returns

1798 Nov 31 To Cash paid them
1799 Dec 31 To account for 77 do do
1795 Feb 20 To Cash paid them
1796 Mar 31 To do do
1797 Aug 31 To do do
1798 Oct 31 To do do
1799 Dec 31 To do do

1798 Sept 31 To Cash paid them
1799 Dec 31 To do do
Dec 31 To do do
To Abatement for direct returns

1797 May 31 To Cash paid them
1798 July 31 To do do
To Sundries of diff. in 1st do London.
1799 Aug 30 To Cash paid them
Dec 31 To do do
To Abatement for direct returns

173	3 -
154	100 -
169	68 -
164	4 13 -
	175 13 -
223	107 11 -
256	93 6 -
272	445 -
.	1214 -
.	33 7 -
.	36 16 -
.	27 5 -
	271 6 6
272	46 10 -
"	144 7 -
"	22 5 -
247	1714 10 -
	230 16 10
272	80 6 -
"	140 11 -
2414	7813 -
272	13 11 -
	103 9 4
307	4818 5 -
	466 8 9

1794
October 15 By Sundries for 21 Bills in London & direct £12 0
1795 June 14 By J. & W. Wright for diff. in Harman do London and by J. & W. Ballman
1799 Dec 31 By Abatement for direct returns

1798 Nov 30 By Cash & Sundries of diff. in 1st do London & 30 night
1799 Dec 31 By Abatement for 6 do do in 1st do
1795 March 31 By Sundries of diff. in 1st do London & 10 do do do £15 16 7 1/2

1795 Aug 31 By Cash & diff. in Harman & London
1796 Dec 30 By do do do do
By Abatement for 6 do do in 1st do
1798 May 31 By Sundries of diff. in 1st do London & 10 do do do £12 3 -

1795 October 11 By Sundries of diff. in 1st do London & 10 do do do £15 11 3
1797 March 31 By Sundries of diff. in 1st do London & 10 do do do £13 10 10 1/2
April 30 By Cash of diff. in Harman & do £224 14 0

1797 Oct 22 By Sundries of 21 Bills in London & 6 do do do £15 17 -

754	215 12 -
157	135 -
164	56 -
	190 6 -
223	60 3 3 -
148	316 9 -
172 1/2	96 6 -
	100 6 -
272	150 -
	26 12 -
276	11 6 7 -
244 1/2	207 6 -
	395 4 8
113 1/2	712 3 -
103 1/2	213 10 -
272	11 9 -
234	283 3 8

Contra

1799
Dec 31 By Ship for 39 1/2 do Silk bought this year
1798 Dec 31 By Sundries 12 1/2 do & 1/2 do Silk bought

1798 Dec 31 By Ship for 58 1/2 do
1799 Dec 30 By do for 13 1/2 do

161	120 7 5 -
112 1/2	46 5 7 -
	175 13 -

256	164 13 6 -
285	106 9 -

271 6 6

1798 Dec 31 By Ship for 104 1/2 do Silk bought

242	230 16 10 -
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1799 Dec 31 By Ship for 192 1/2 do Silk bought

315	466 8 9 -
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작동원리

공개 장부

Public Ledger

누구나 장부 조회 가능

누구나 정보 추가 가능

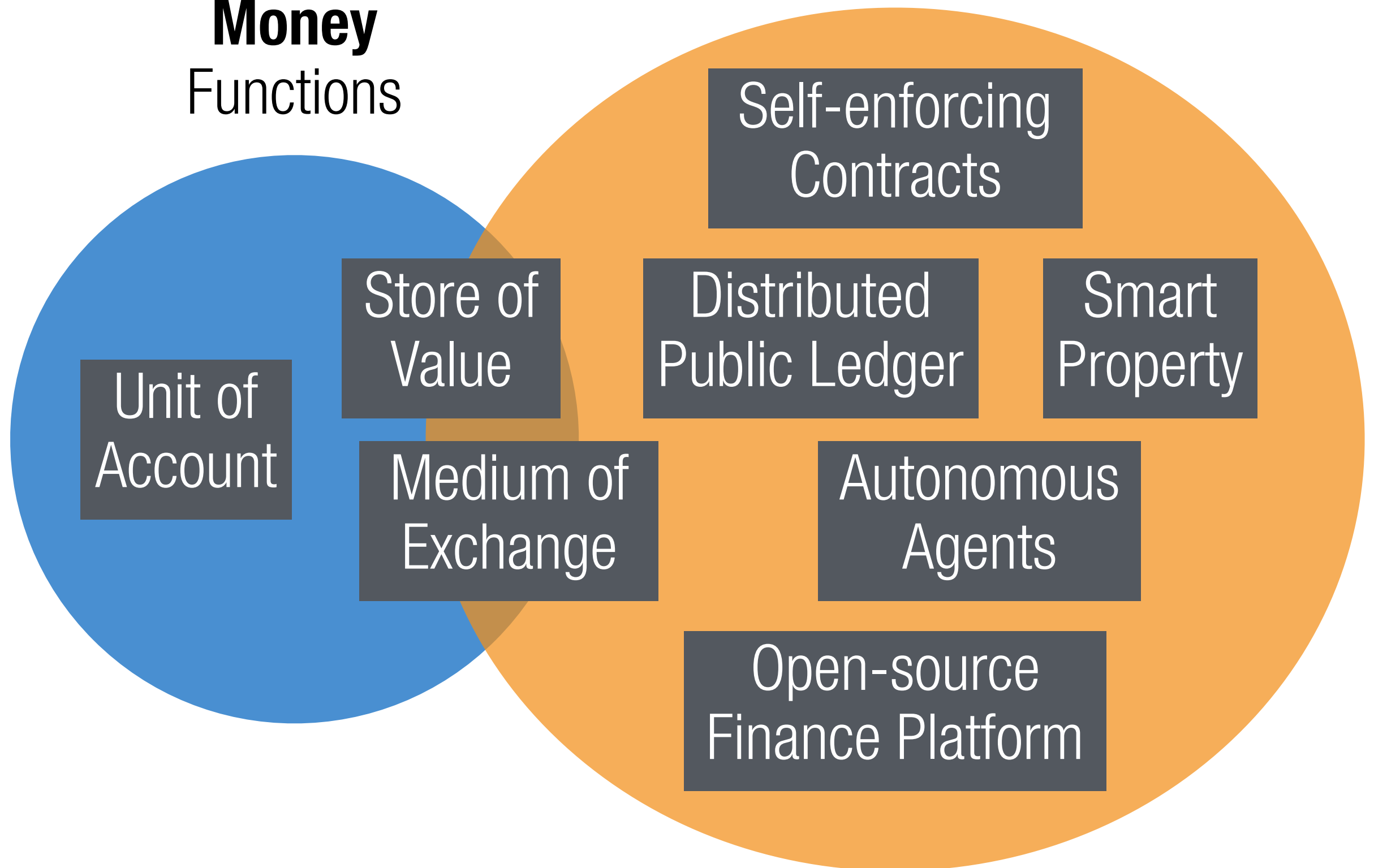
기록 변경은 불가능

Bitcoin

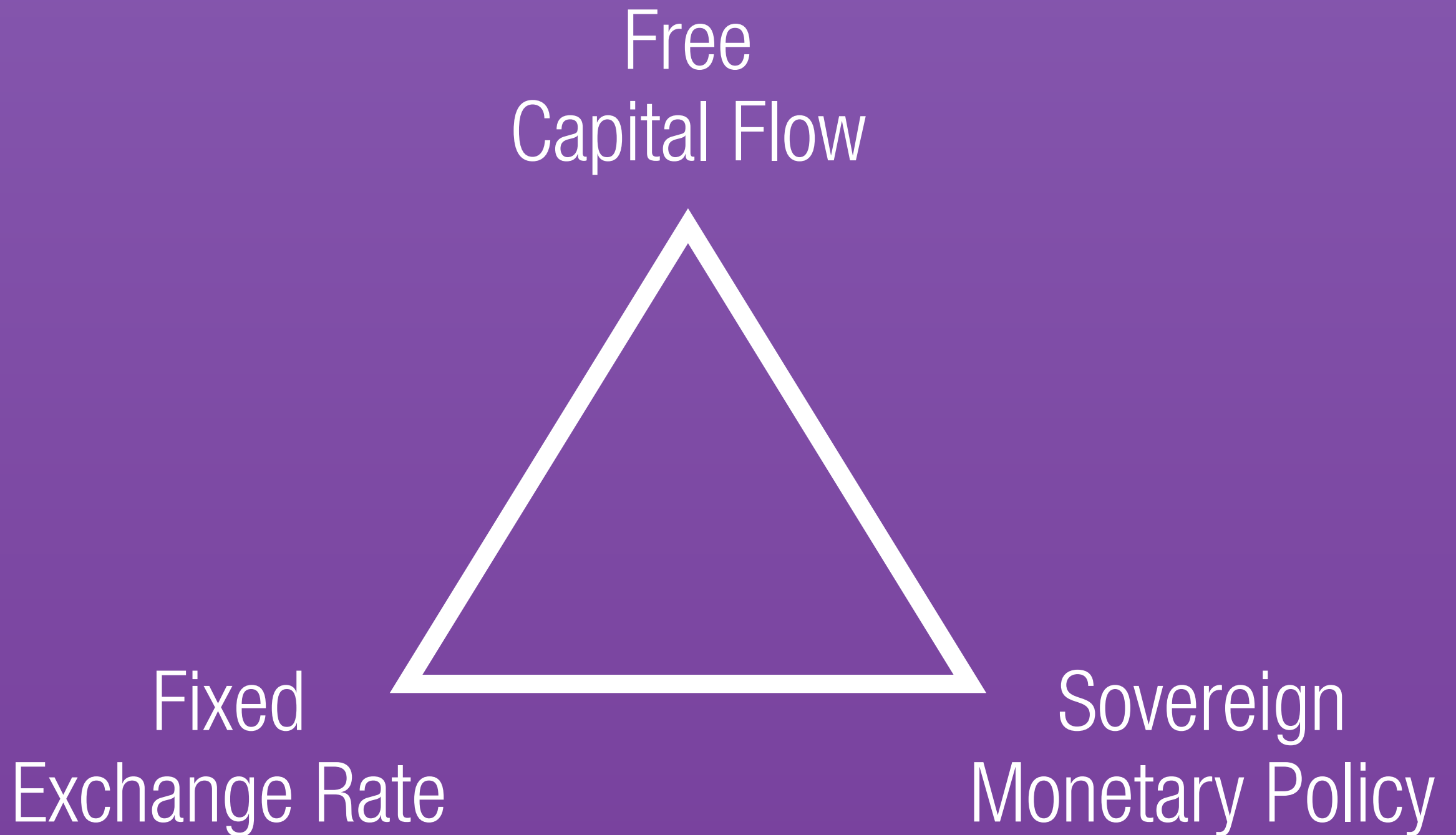
Functions

Money

Functions



Impossible Trinity



Sui Generis

Bitcoin's Phases



비트코인 프로필

총 발행량 **8조 원**

일 결제량 **430억 원**

일 결제건수 **65,000 건**

이용자 수 **5,000,000 명**



응용

자기집행 계약

Self-enforcing Contracts



자기집행 계약

Self-enforcing Contracts

암호화폐에 프로그램 로직 추가 가능

프로그램 로직이 계약 내용

프로그램 입력값으로 계약 이행

암호화폐의 이동으로 계약금 지급



기상청

Korea Meteorological Administration





응용

스마트 자산

Smart Property



응용

스마트 자산

Smart Property

리스 자가용 열쇠/엔진

주식/채권

담보

Transaction View information about a bitcoin transaction

b197ba765ef74690ae02cb43d522a140416abdad0138ced793278cbaa282ce2

1DCVEnga4kT6LzFpt36u3tBTB7xs6nEvq (1.94816616 BTC - Output)



1H588N3c6copygvSgzTihHemPo4ZMk38H - (Unspent)
13SjaYqCmLt5xEIPE9DY5xxG81iorzsqr - (Unspent)

0.01519343 BTC

1.93277273 BTC



KORBIT PAY

비트코인 결제 솔루션



고비용



저비용

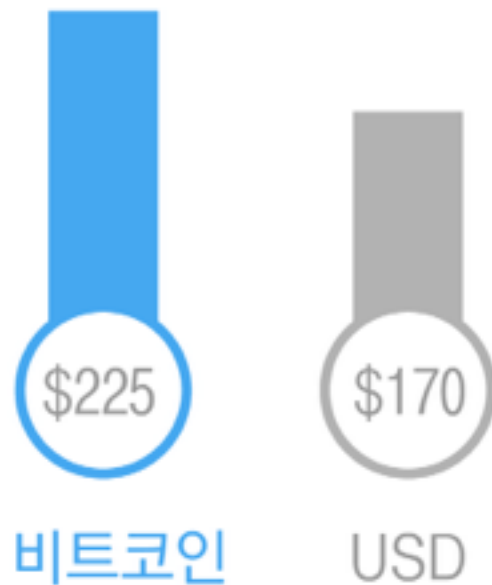
	기존 금융
송금 수수료	국내: 500원 국제: 8%
가맹점 수수료	3 %
국제송금 소요시간	3일
결제 편리함	8 클릭
개인정보 보호	성명, 주소, 카드정보 등 요구
플랫폼 개방성	폐쇄적

비트코인
0~60 원
0 ~ 1 %
즉시
3 클릭
개인정보 불필요
오픈소스



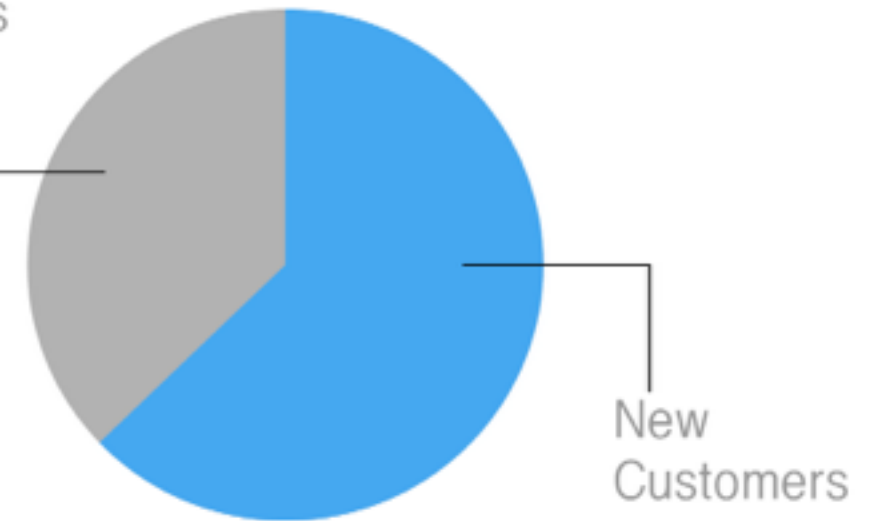
Overstock 적용 사례

2달동안 **10억원** 어치
비트코인 평균 결제 금액



비트코인 평균 결제 금액이 **34%** 높음

Existing
Customers



비트코인 결제 고객 중 **58%**는 신규 고객



BITCOIN