

Blockchains & Identity

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Putting Identity In Context

- Socio- Economic
- Technological
- Governance
- Democratic Functions
- Sovereignty

What's wrong?

- Authority
- Fake identity
- Privacy / Intrusion
- Hacks
- Centralization

The World's Largest Biometric II System Keeps Getting Hacked

The personal data of many of India's citizens is for sale on WhatsApp for less than \$10.

Equifax: The company that screwed consumers the most in 2017



Ethan Wolff-Mann
Senior Writer

Yahoo Finance December 19, 2017

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Congress trying to add illegal Bangladeshi migrants to Bengaluru voters list: Yeddyurappa

China Pursues New Facial Recognition Program in Push for Total Surveillance

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BY: [Katelyn Caralle](#) [Follow @Katelyn_Caralle](#)

January 8, 2018 1:22 pm

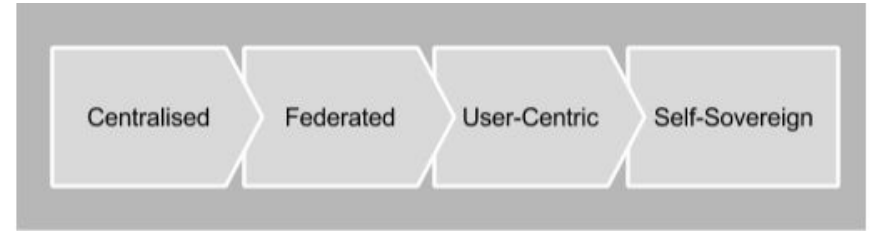


Facial recognition is China's hottest new technology, but it raises issues concerning personal security as the communist government works to track individuals, create detailed profiles, and assign "social credit" scores.

Putin's Trolls Are Targeting Trump's GOP Critics— Especially John McCain

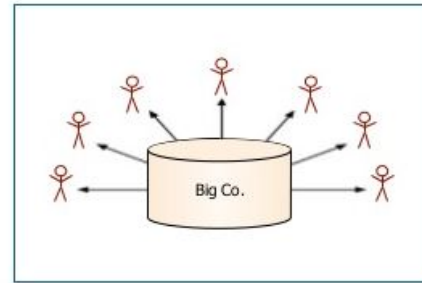
Kremlin-linked accounts keep going after the ailing Arizona senator, as well as Mitt Romney, Bob Corker, and others.

The Evolution of Identity

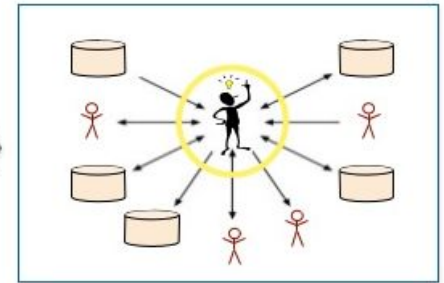


Self Sovereign Identity & Blockchains

- Intrinsic
- Permission based
- Trust based
- Cost Effective
- Flexible



Web 1.0



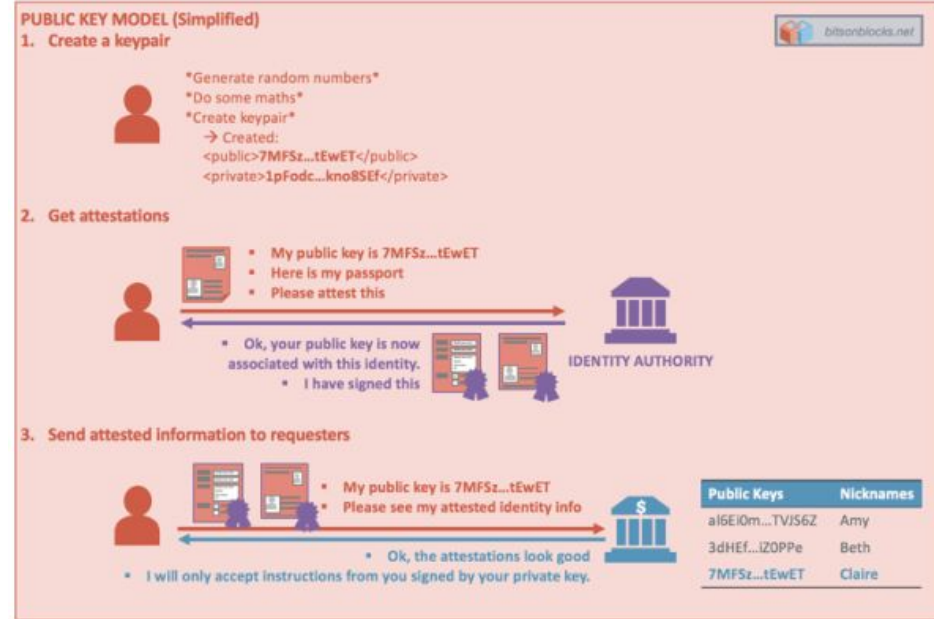
Web 2.0

Workflow

1. Claims

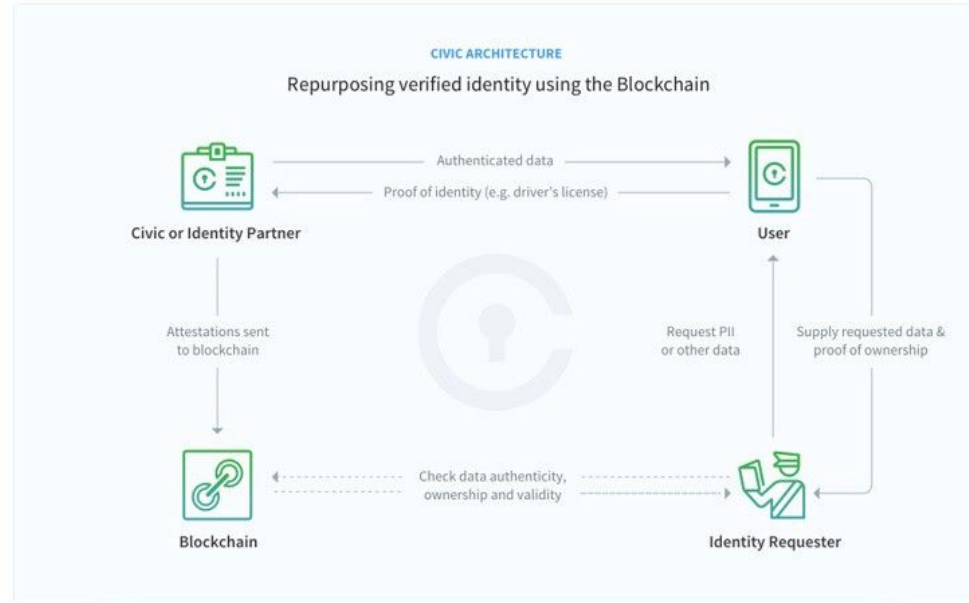
2. Proofs

3. Verification.



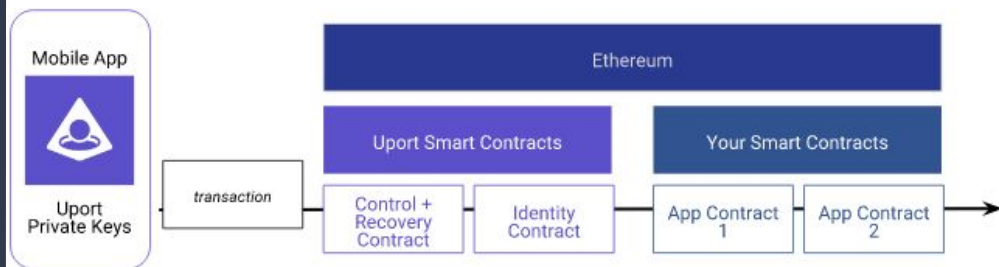
Civic

- Distributed identity verification system
- Verifiers incentivized through smart contracts
- Shares only needed attributes
- Portions of data shared
- Currently used in AML/KYC for token sales
- WikiHow!



Uport

- Mobile first
- Uses a mix of blockchains and file storage mechanisms (IPFS, AWS etc)
- Identifier based on 20 byte hexadecimal string that interacts with a proxy contract. Delegate based recovery process
- Stores key documents , Dapp Enabled
- Actively being used in Zug, Switzerland to register citizen details!



Key Use Cases

- Lending - Bloom
- Signatures - Estonia
- Passports - Dubai (Object Tech)
- Land Records - Russia, India
- Professional Records - Springrole
- Retail Outlets - Jio Coin?

Andhra Pradesh, Telangana look plans to digitise land deals with blockchain

Andhra Pradesh, Telangana are exploring a switch to blockchain technology to record land deals digitally, bring transparency to a system that is rife with fraud

Last Published: Fri, Aug 11 2017, 11 00 AM IST

Dubai Plans for DIGITAL Passport using BlockChain Technology



mkotibabu (31) in blockchain • 7 months ago

Russia's Government to Test Blockchain Land Registry System

The Indian Conundrum

- Balance between centralization and decentralization.
- Data ownership
- Fake Identity
- Problem of size
- Bureaucracy ?

Opportunities

1. Ration Cards
2. Education
3. Taxation
4. Freelancing
5. Fintech (Duh?)

