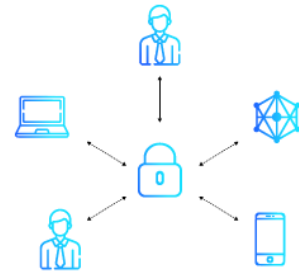




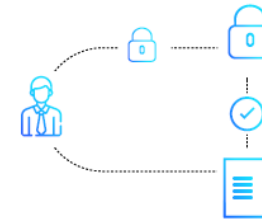
# Blockchain in healthcare

How blockchain technology will underpin future healthcare insurance

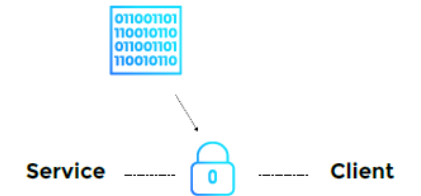
# Blockchain



**Distributed Ledger**  
Real Time Data Sharing  
Transparency



**Cryptography**  
High-Level Encryption  
Security



**Smart Contracts**  
Process Execution  
Automation



# Digital assets

## Digital assets

### Cryptocurrency

Native currency of a given blockchain network

### Tokens – Specific functionality

Utility

Security

Collectible items ....

### Collateralized assets / Decentralized mechanism

Fiat Currencies = “Stable Coins”

Shares

### Financial products

Bonds, Option, Derivatives, etc.



# Collectible Items / Non-fungible tokens

## Assets

- Property
- Land registry
- Gemstone
- Degrees
- Medical Licences
- Organs

## Features

- Ownership
- Registry
- Trade history
- Product Tracking

# Decentralized Applications

- Blockchain as a **value** and **transaction** network
- Assets digitally recognised
- Create interactions
  - Rules
  - Features
- Digital “smart” contracts – > decentralized applications



# Controlled personal information

- **Full inclusion with a standardized system**
- **Control what to share and who has access to their data**
- **Better interconnected services**
- **Education, health, other personal records**
- **Voting**





# Blockchain in Supply Chain



**Unique ID**



**Sensors**



**Data stored on  
Blockchain**



**Ownership  
recorded**



**Origin  
confirmed**

# Blockchain in Health Insurance

- Providing more transparency
- Enabling provider interoperability
- Streamlining claims





# Distributed Medical database

- Joint database between Insurance companies and Hospitals / Medical facilities
- Validate records and treatments, resulting in less overhead and reconciliation

## Tech:

- Private DLT network
  - No need for transitioning
  - Limited read and write access



# Automated claim processing

- User populates smart contract with regular payment
- Smart contract on blockchain act as a custody, pooling payment
- Information stored in a DLT database
- In case of insurance event, a verified doctor or institution approves the event
- Smart contract processes the payment automatically

## Tech

- Public Blockchain with custom smart contracts



# Unit linked insurance

- User populates smart contract with regular payment
- Smart contract on blockchain acts as a custody, pooling payment
- The deposits can be borrowed by third parties through an other decentralized application on the same blockchain
- User earns interest in the insurance payments

## Tech

- Public Blockchain with custom smart contracts and other Decentralized Finance integration



# Decentralized Finance ecosystem

## Best DeFi Products

Assets Management	Prediction markets	Marketplaces	Lending	Assets Tokenization	Exchanges
METAMASK MyCrypto TRUST WALLET MyEtherWallet ZERION InstaDApp argent MULTIS FETCH Dexwallet TOTLE CDP Saver imToken AlphaWallet	veil GNOSIS AUGUR	GITCOIN THE BOUNTIES NETWORK district0x OpenBazaar ORIGIN Rare Bits <small>localethereum</small>	MAKER Compound Dharma nexo BlockFi SALT ETHlend BLOQBOARD celsius	POLYMATH HARBOR MERIDIO MELONPORT Abacus SECURITIZE TEMPLUM NEUFUND OpenFinance NETWORK 	iDEX bisq AIRSWAP OMEGA ONE Uniswap ForkDelta sparkswap FORDEX KyberSwap Bancor WhaleX stellar x bamboorelay ITRONTRADE EOSDAQ
	KYC & Identity	Derivatives		Stablecoins	
	SELFKEY civic uport Bloom sovrin JOLOCOM hydro	DSFPROTOCOL DAXIA Set SYNTHETIX	CoinLoan Lendingblock nuo	GEMINI PAXOS StableUnit Stellar WBTC AUGMINT TrustToken DIGIX CARBON	
Infrastructure	Zap.org SETTLE wyre UMA hydro TOTLE Bancor b0x Set kyber network Ren LOOPRING Uniswap Centrifuge DutchX Ramp				



# Thank you

#DEFI