

# BLOCKCHAIN *WORX*

## Blockchain Labs

Crafting Innovation Centers to help institutions harness the potential of Blockchain technology



A hands-on approach to Blockchain technology



Tools, smart contracts, PoC demo apps



Ready to use, out-of-the-box solution

# Blockchain technology aptly lends itself to the digital transformation program of an enterprise, or even an entire sector, as a whole

*The blockchain, a cryptographic ledger comprising of a digital log of transactions shared across a public or private network, can address many of the pitfalls of existing ageing systems*

## The first electronic value transfer protocol



Open source  
value transfer  
protocol

+



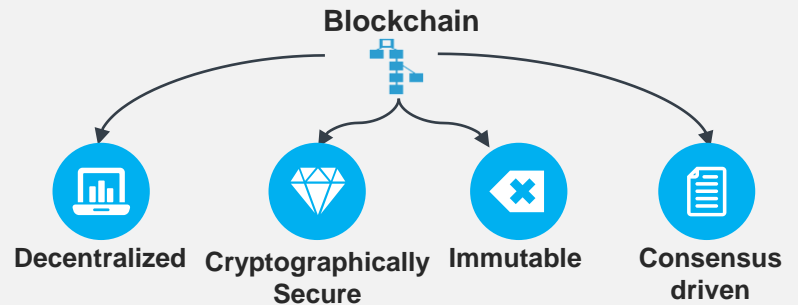
Distributed  
P2P network

+

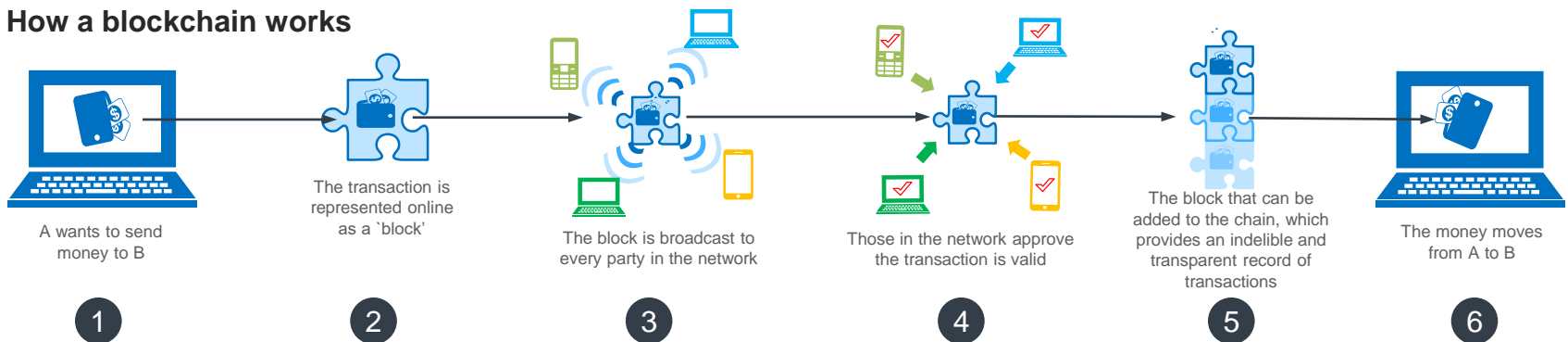


Secure  
math-based  
system

## Key features of Blockchain technology



## How a blockchain works

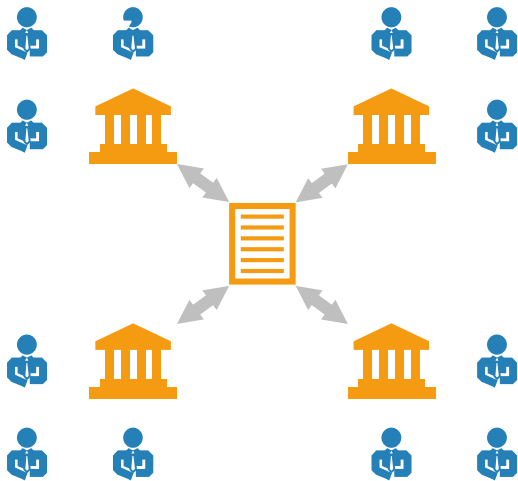


Blockchain is a native digital technology that is setting up multiple industries for significant disruption — or crucial transformation, depending which side of the table you look at it from

# Blockchain can be a powerful tool anywhere trading occurs, trust is at a premium and people need protection from identity theft

*Blockchains have potential to radically change the future of transaction and records based industries*

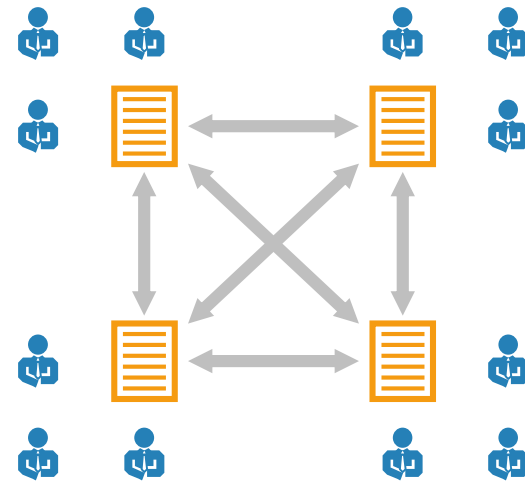
## Clearing House (centralised ledger)



### Financial intermediaries (Today)

- Requires trusted, centralised intermediaries
- Batch clearing and settlement
- Higher fees and costly infrastructure

## Financial Network (distributed ledger)



### Blockchain protocol (Emerging)

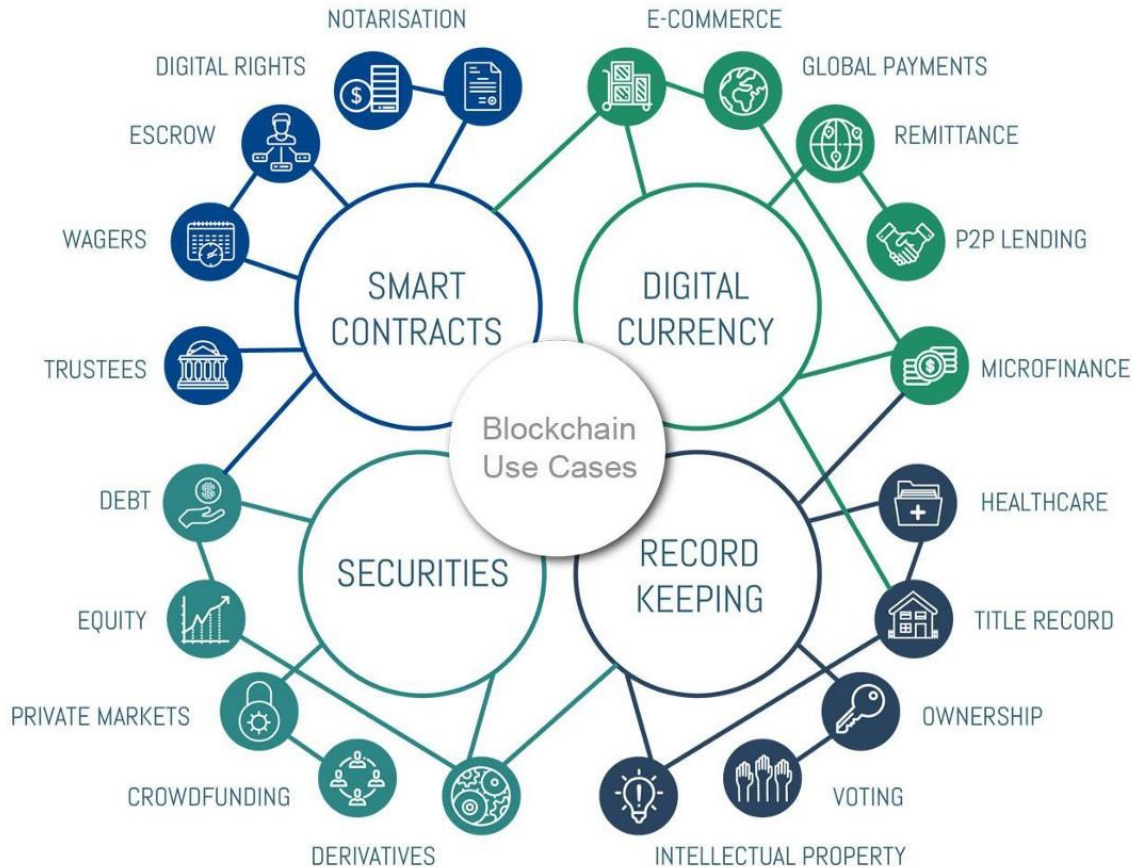
- No intermediaries required
- Faster processing and management
- Lower fees and reduced infrastructure cost

Blockchain is a native digital technology that is setting up the financial-services industry (along with others) for significant disruption — or crucial transformation, depending which side of the table you look at it from

*Image: Adapted from Citi research, Strategy+Business,*

# While most blockchain applications are still in their early days, distinct categories of use cases have begun to emerge

... with numerous projects now moving beyond the 'concept/idea' phase



Blockchain use cases are often exciting to explore and research, however it's important to also understand the gap between the potential and tangibility of implementation.

Image: Peter Bergstorm

# BCW has designed a Blockchain Innovation Center to help any institution understand and harness the potential of the technology

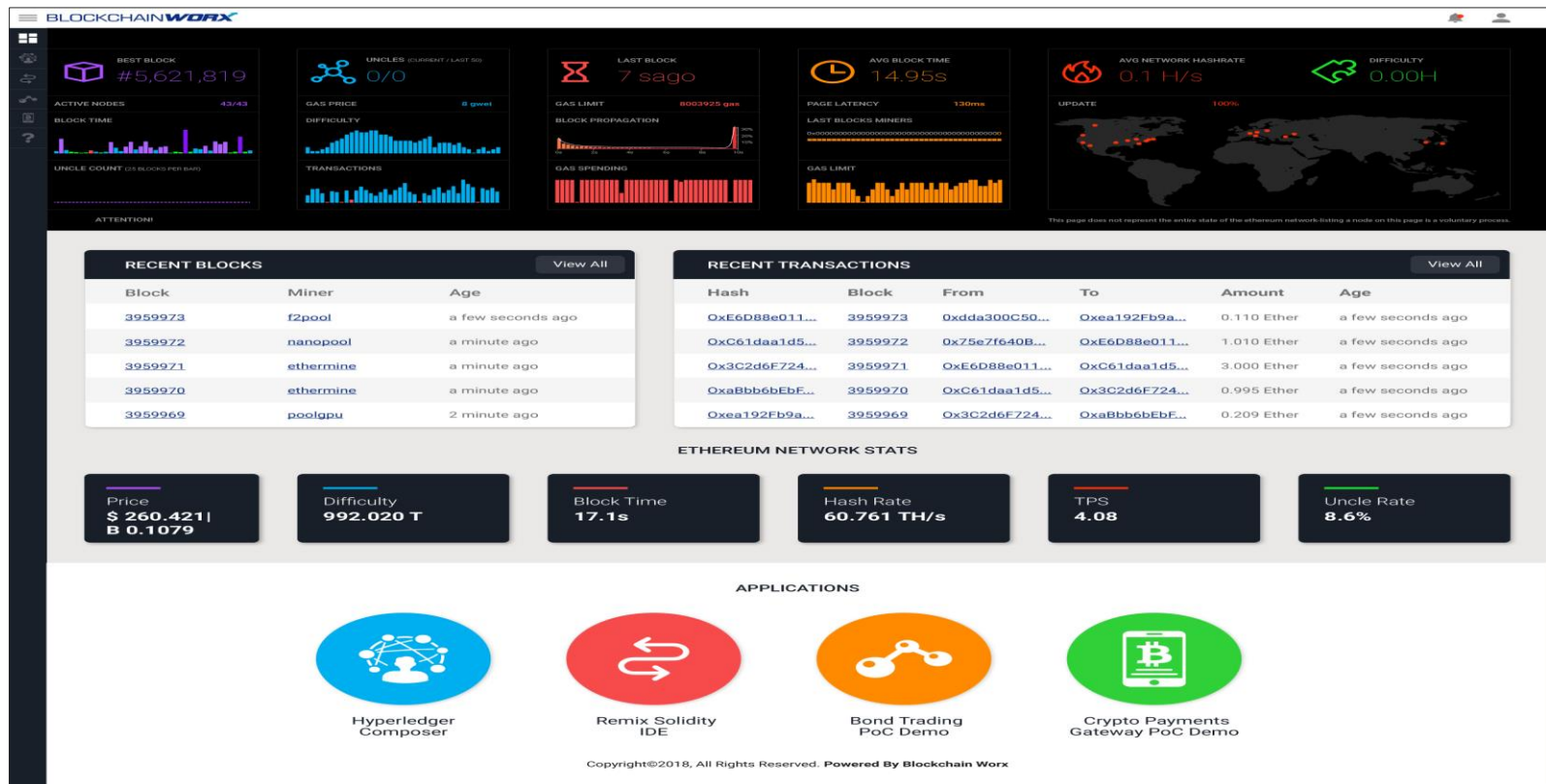
*With a bouquet of tools and a select set of relevant PoC demo applications, institutions can quickly get started on their journey*



Designed as an out-of-the-box solution, any enterprise can have its own Blockchain Innovation Lab in a matter of days

# A well-defined dashboard provides a comprehensive overview and acts as a launch pad for the PoC applications

*The PoC / demo applications are carefully selected to ensure relevancy, aid with understanding the potential of the technology and help evolve applicable use cases*



Hosted in the cloud, the platform is accessible anywhere, anytime via a web browser

# The Result: A Blockchain Lab for institutions to understand and harness the potential of Distributed Ledger Technology



**A hands-on approach to understanding Blockchain technology**



**Blockchain tools, IDE's and smart contracts**



**PoC demo apps to help evolve relevant, applicable use cases**



**Cloud hosted and ready-to-go in a couple of weeks**

Leveraging Blockchain technology, startups and established institutions, both have a unique opportunity to transform entire industries and lead in this new digital paradigm

8

BCW has deployed a Blockchain Innovation Center for multiple institutions including an EU-regulated stock exchange

*To learn more, drop us a line or reach us via any of the channels below:*

# Reach Us



[www.blockchainworx.com](http://www.blockchainworx.com)



[info@blockchainworx.com](mailto:info@blockchainworx.com)



+65 96536243  
+971 569503252



[@blockchainworx](https://twitter.com/blockchainworx)