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Blockchain generates trust

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Telf. 93160019

February 3rd, 2020

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Goals

Reduce fraud

Simplify processes

New on-line trusted business

Inject Liquidity

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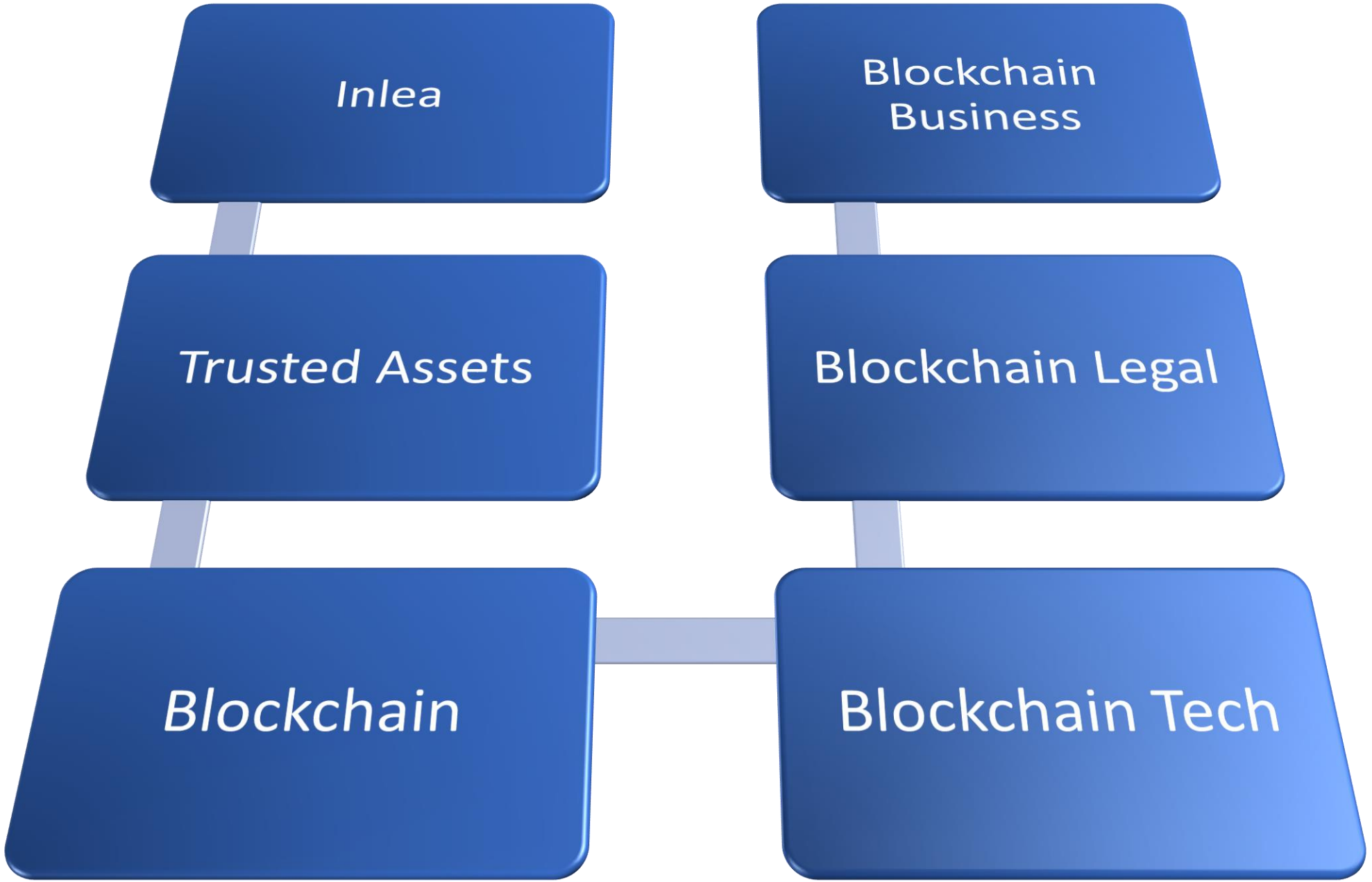

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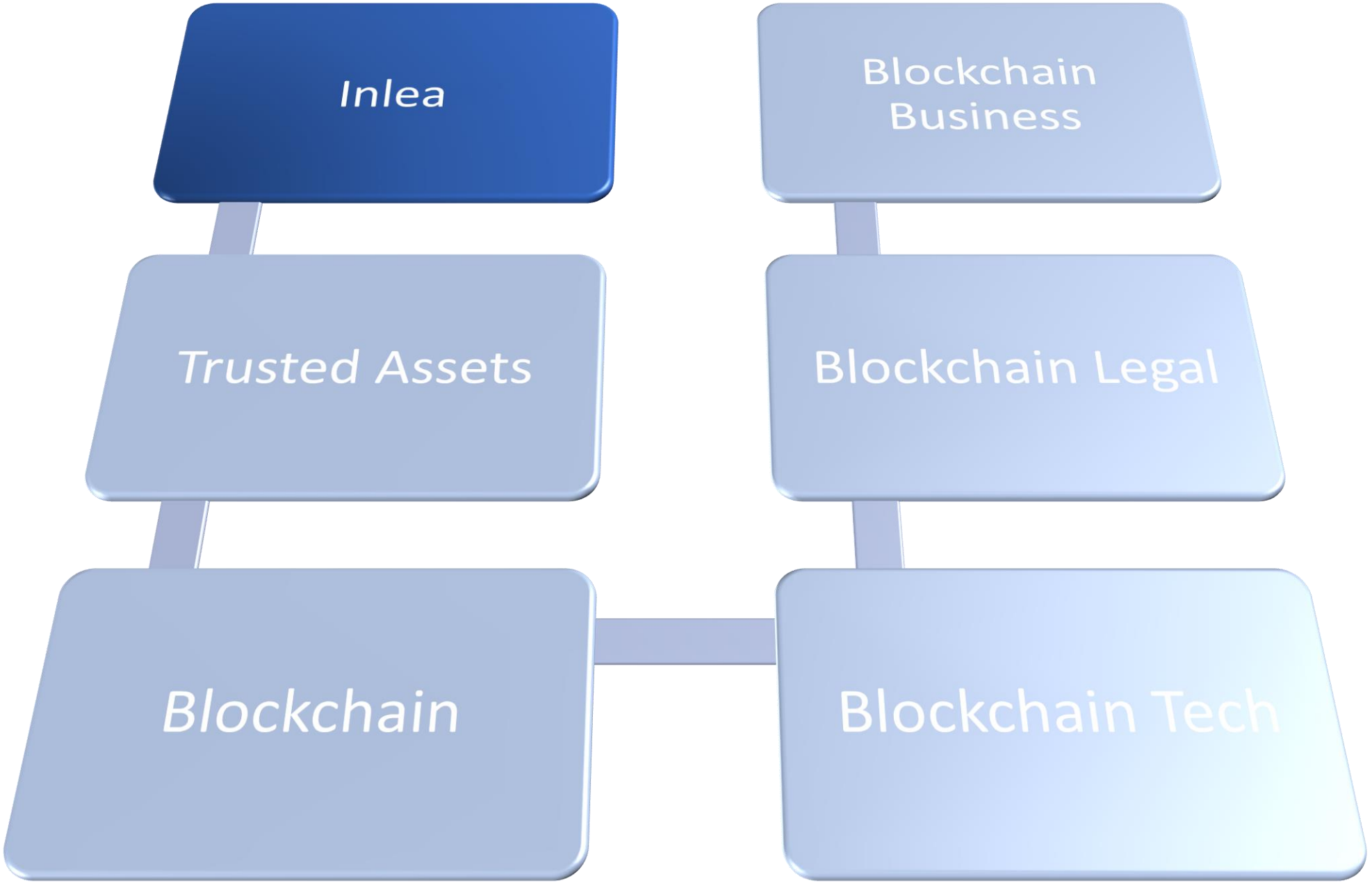

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THE INTERNATIONAL NETWORK OF LEGAL, TECH AND BUSINESS GROWTH

SINCE 2006

OFFICES IN SILICON VALLEY, MONTREAL, SAO PAULO, SAN JOSE, LONDON, MOSCOW, BANGALORE AND BARCELONA

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Inlea is a legal, tech and business advisory and hands-on network
Inlea promotes the growth and development of its clients

Exclusive network with 49 countries footprint

Strategic agreements with investors, business developers, lawyers and technologists

Specialized in the deployment of companies in the USA, Latin America, Europe and the Middle East

Offices in USA, Canada, Costa Rica, Brazil, UK, Russia and India

Inlea Values

Inlea advises different industries to develop and deploy innovation creating new business models

Inlea helps companies to achieve global scale and operational efficiency

Inlea helps to accelerate time-to-market by focusing on accretive measures

Inlea is uniquely equipped to expand enterprise adoption with a network of corporate & financial partners and experts

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Inlea Services

Legal	Business	Technology
Landing	Business Development	**Advisory in Blockchain, IoT and AI**
International	Human Resources	**Software Development**
Intellectual Property	Marketing & Events	**Hardware Development**
Commercial	Accounting	
Equity	Investment	

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Proteum is leading Technology in Inlea

proteum

- Strategic partnerships with developers, exchanges and ecosystem builders
- Software and hardware with a keen focus on deployment opportunities across Fintech, Healthcare, Logistics and Industrial applications
- Specialist on Blockchain, AI-ML, IoT, 5G and Battery Technology

Technology
Advisory in Blockchain, IoT and AI
Software Development
Hardware Development

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Partnerships and Access* to CXOs Help Identify Market Catalyst since 2017

* Representative relationships

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Rakesh Ramde

Investor, Board Advisor, Legal Strategy

Co-Founder

Xavier Simo

Investor, Entrepreneur, Partnerships, Board Advisor

Partner

Amanjyot S. Johar

Entrepreneur, Investment Strategy, GTM

Co-Founder

Flavio Soares

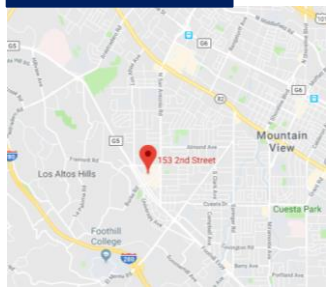
Investor, Compliance Strategy, GTM

Partner

Barcelona

Carrer Pallars, 99
08018 Barcelona

Silicon Valley



153, 2nd Street,
Los Altos
CA 94002

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Catalonia Ecosystem, January 2020

Catalonia Trade & Investment
Generalitat de Catalunya
Government of Catalonia

The DLT ecosystem in Catalonia (II)

Partial illustration chart*

Communities
BARCELONA BLOCKCHAIN meetup
BARCELONA BITCOIN COMMUNITY
ETH DEV BCN

Events
BLOCKCHAIN SOLUTIONS WORLD
BARCELONA BLOCKCHAIN WEEK
IOT SOLUTIONS WORLD CONGRESS
European Blockchain Convention

Technology centres
inLab FIB
eurecat
easy
i2cat

Companies
Worldline
ROCA JUNYENT
singular
Xcapside
amazon web services
Scytl
Gestinet
validatedID
Magnus
PBS
teknoCEA
lemonpay
mealToken
appfutura
finboot tech
ATRAURA
Konodrac
Ubiquat technologies
PRIVATE INVESTMENTS NETWORK
Darco
The Rentals Token
Xponent
placetoplug
3D Coworking Barcelona
Airplane Solutions
Alfa Blockchain Consulting
BC
hashing dna
BLOCKTECH
Caelum Labs
COCOOKING
CoinPoker
CONSENTIO
Creativechain
currency alliance
DUNFORCE
FLEXIDAO
FormalDocs
SAVE THE PROOF
GIVETH
gotaki
BLOCKTAC
inari
iomob
kualito
LICENS3D
TRACKS CO2
unify me
VOTTUN
GroupBTC
Authenticitys
uniclau
verse
NAKIMA
hippo
lambdaloopers
Self.tising
clockie
social coin
ACTUALTIC
INITIA
FREEVERSE
jarvis
Peersyst
Unison

Other players in the field
BLOCKCHAIN CATALUNYA
ALASTRIA
Generalitat de Catalunya
BARCELONA TECH CITY
Clúster Digital
proteum
EKITER
INN MIND
BIT Blockchain Institute & Technology
UPC

Note: This is a partial illustrative representation of the main companies forming part of the ecosystem of the DLT sector in Catalonia, but there may be other companies that have not been detected in the mapping process, due to the sector's dynamism. Companies are ranked according to their estimated turnover

Catalonia Trade & Investment
Generalitat de Catalunya
Government of Catalonia

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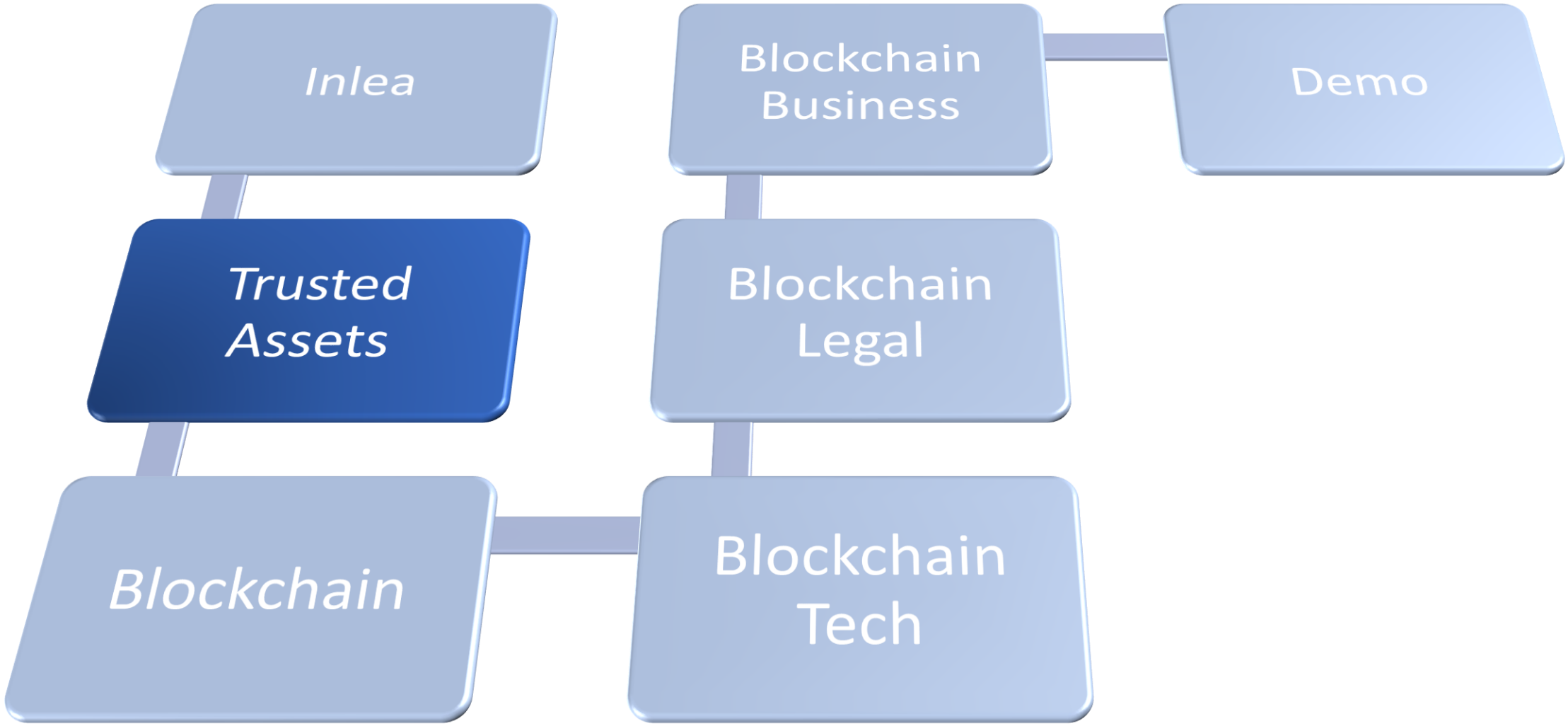

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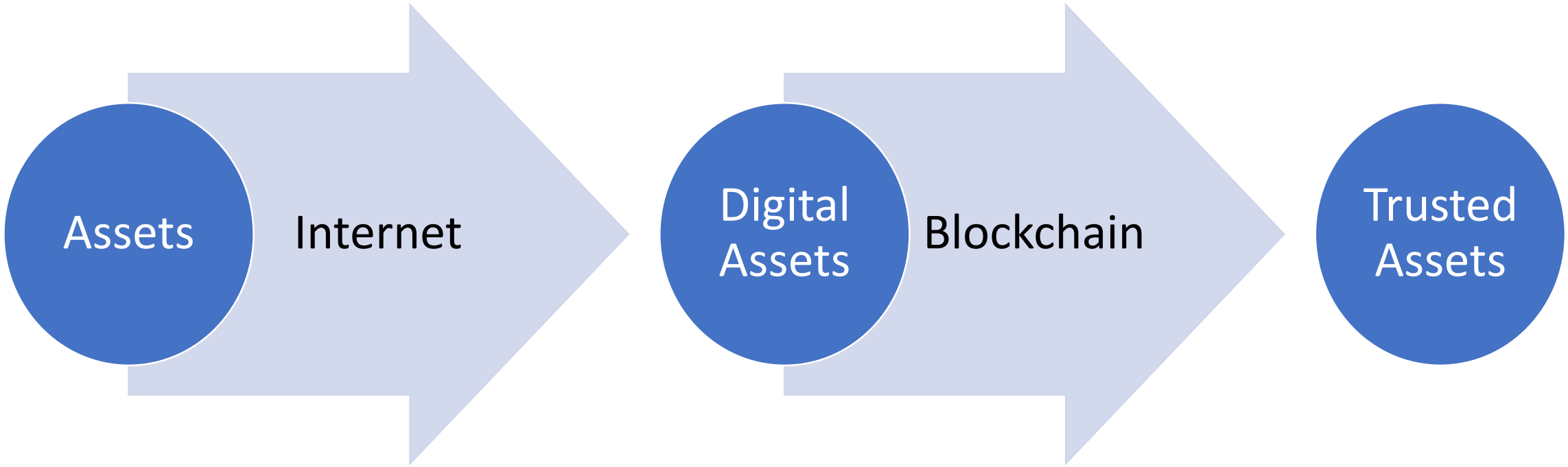
Assets
Internet
Digital Assets
Blockchain
Trusted Assets

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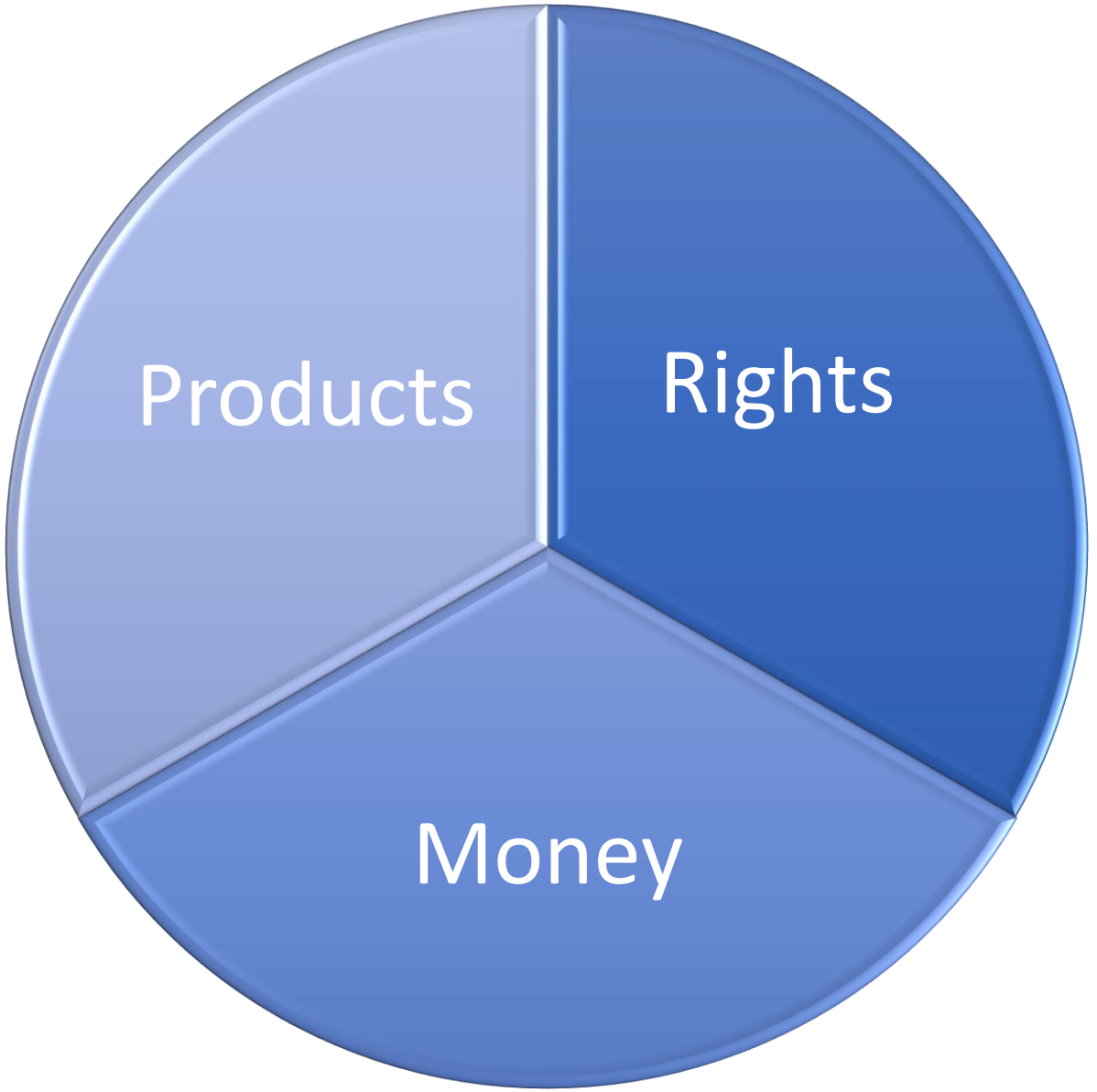

assets

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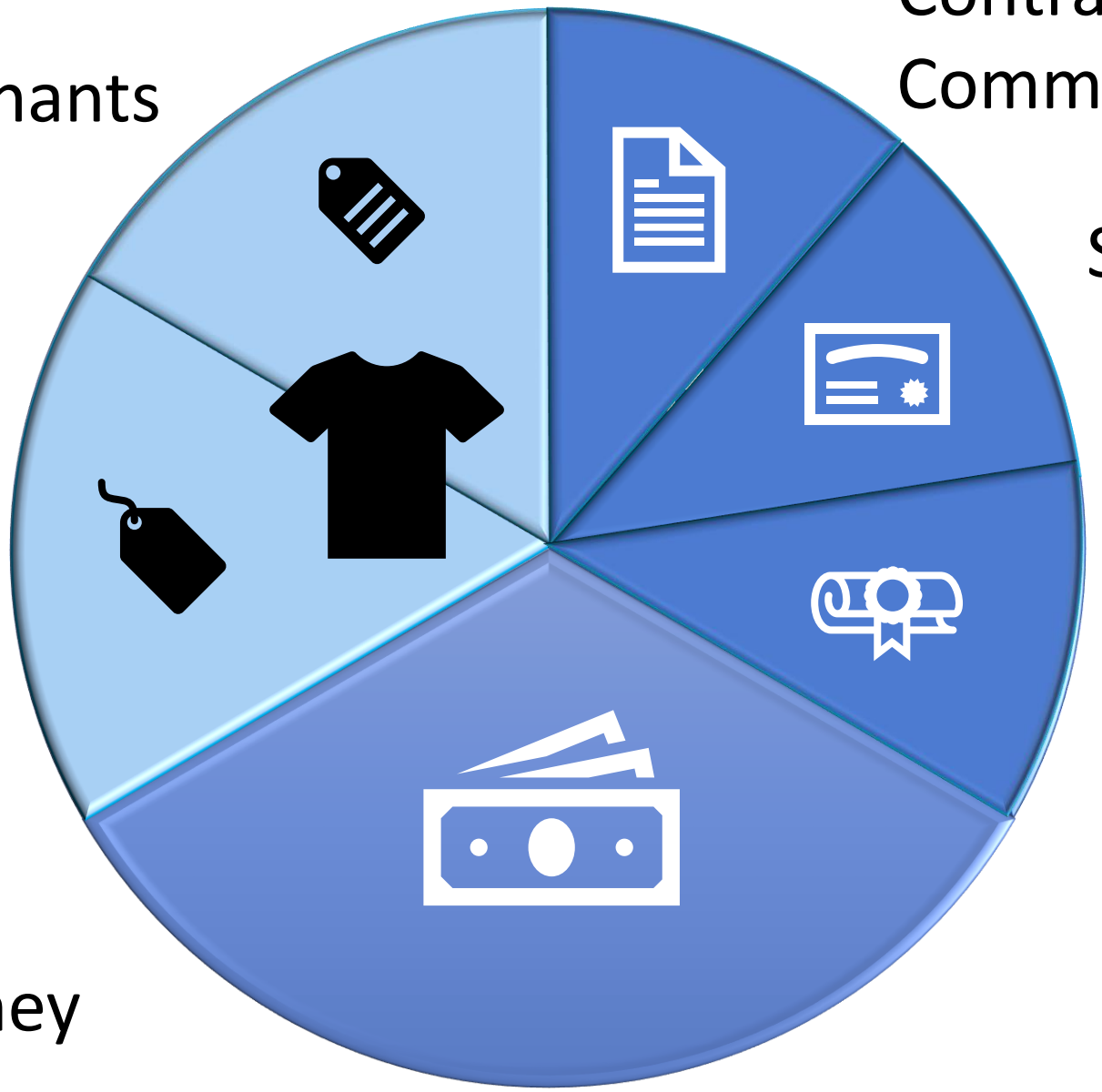

assets

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Merchants

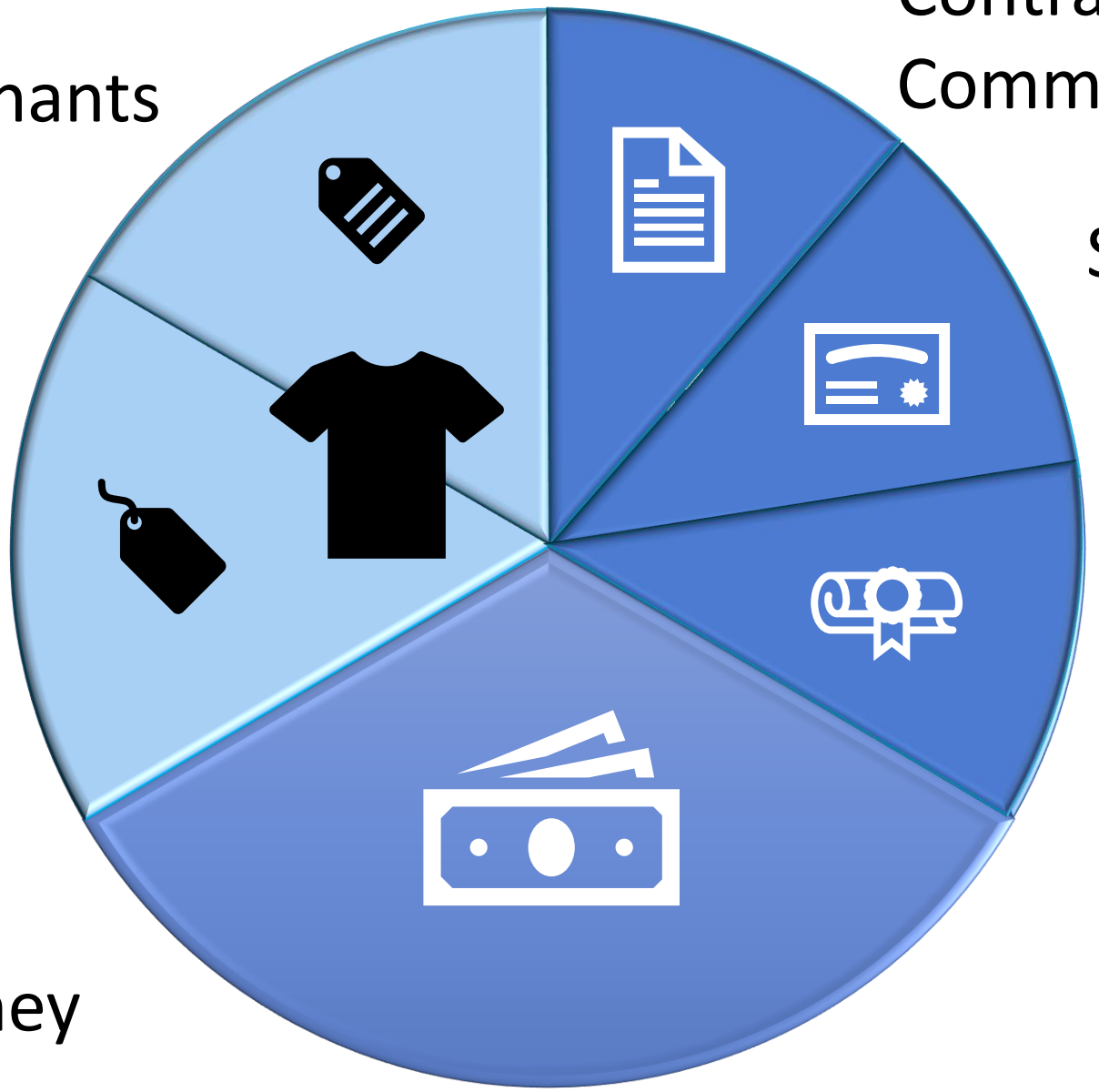
Contracts, Patents, Commodities

Shares

Credentials

Credentials

Fiat money



assets

Internet builts digital assets

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Merchants

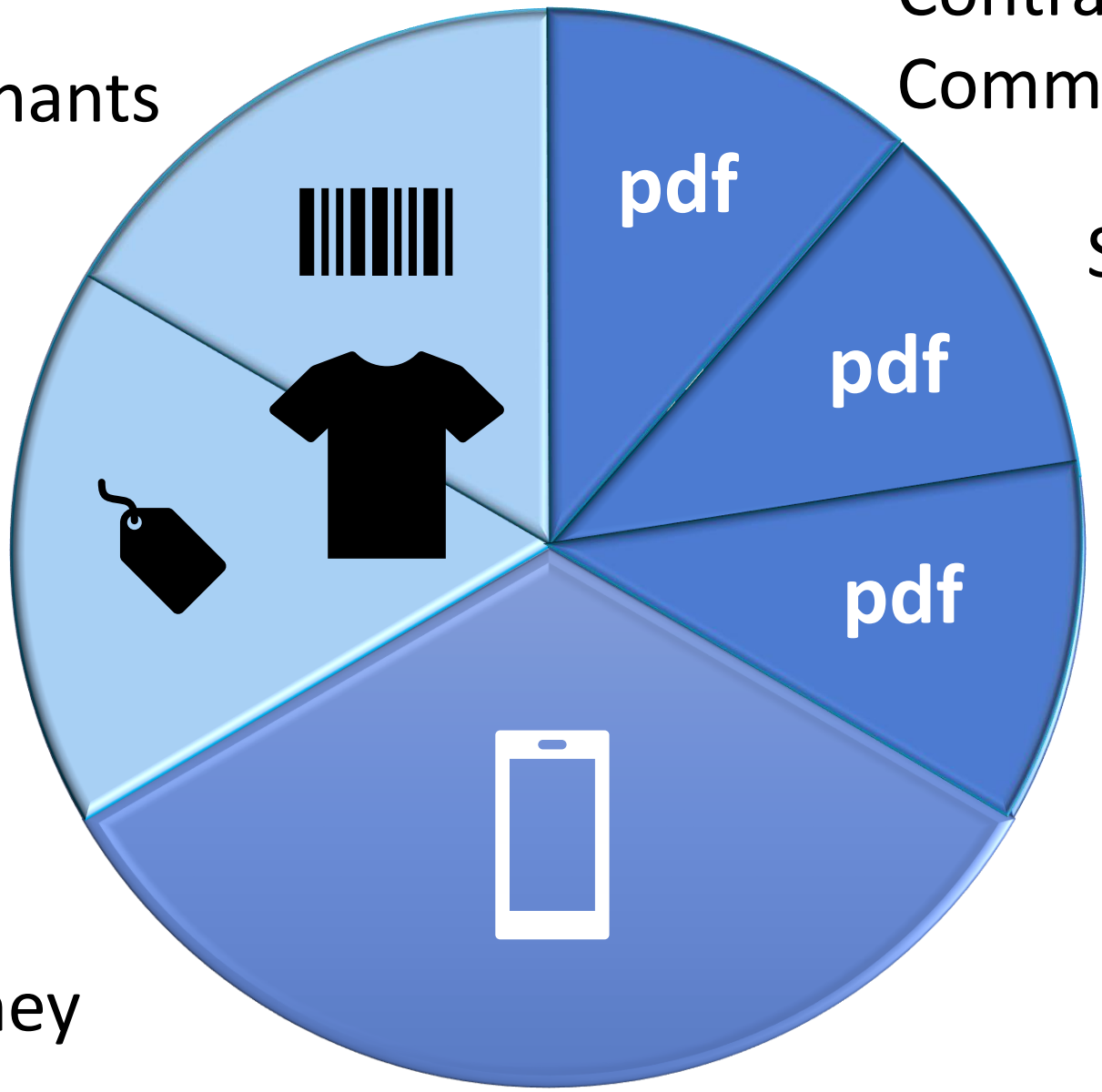
Contracts, Patents, Commodities

Shares

Credentials

Credentials

Fiat money



digital assets

Quickly Transferable
Easily Storable

Hackable
Easily Copied

digital assets

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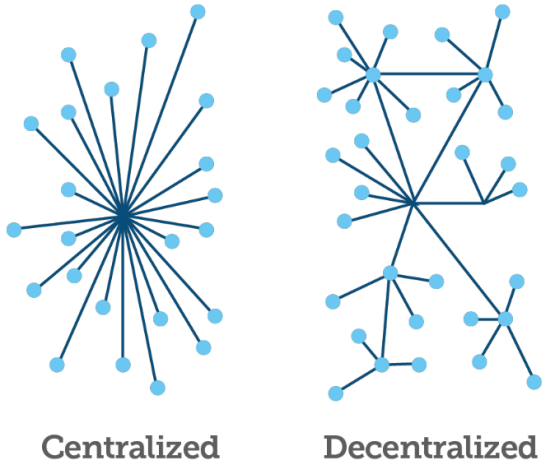

Hackable
Easily Copied

digital
assets

blockchain builts trusted assets

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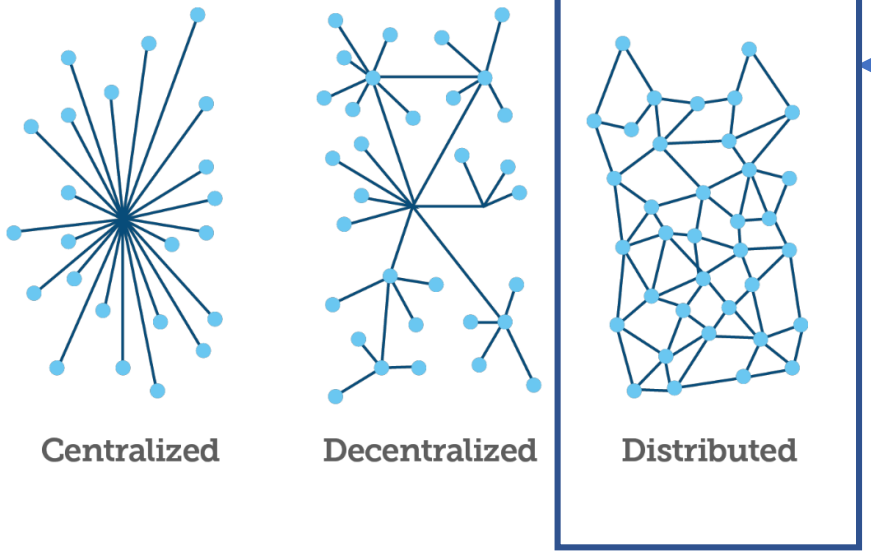
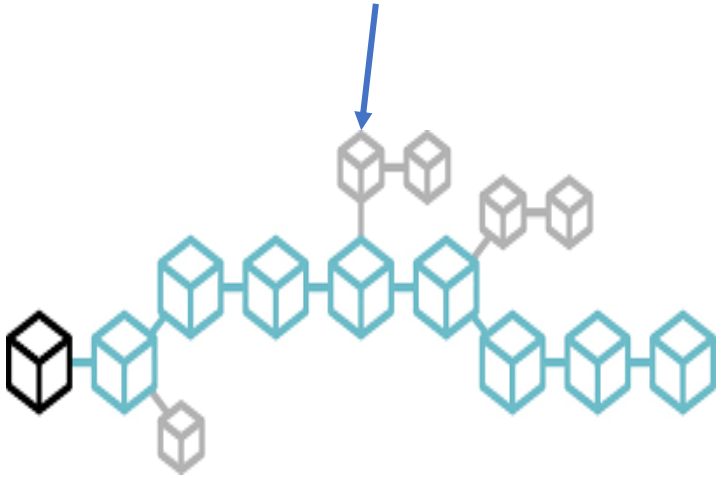


No Hackable
Not Copied

Traceable



trusted
assets

inlea

Merchants

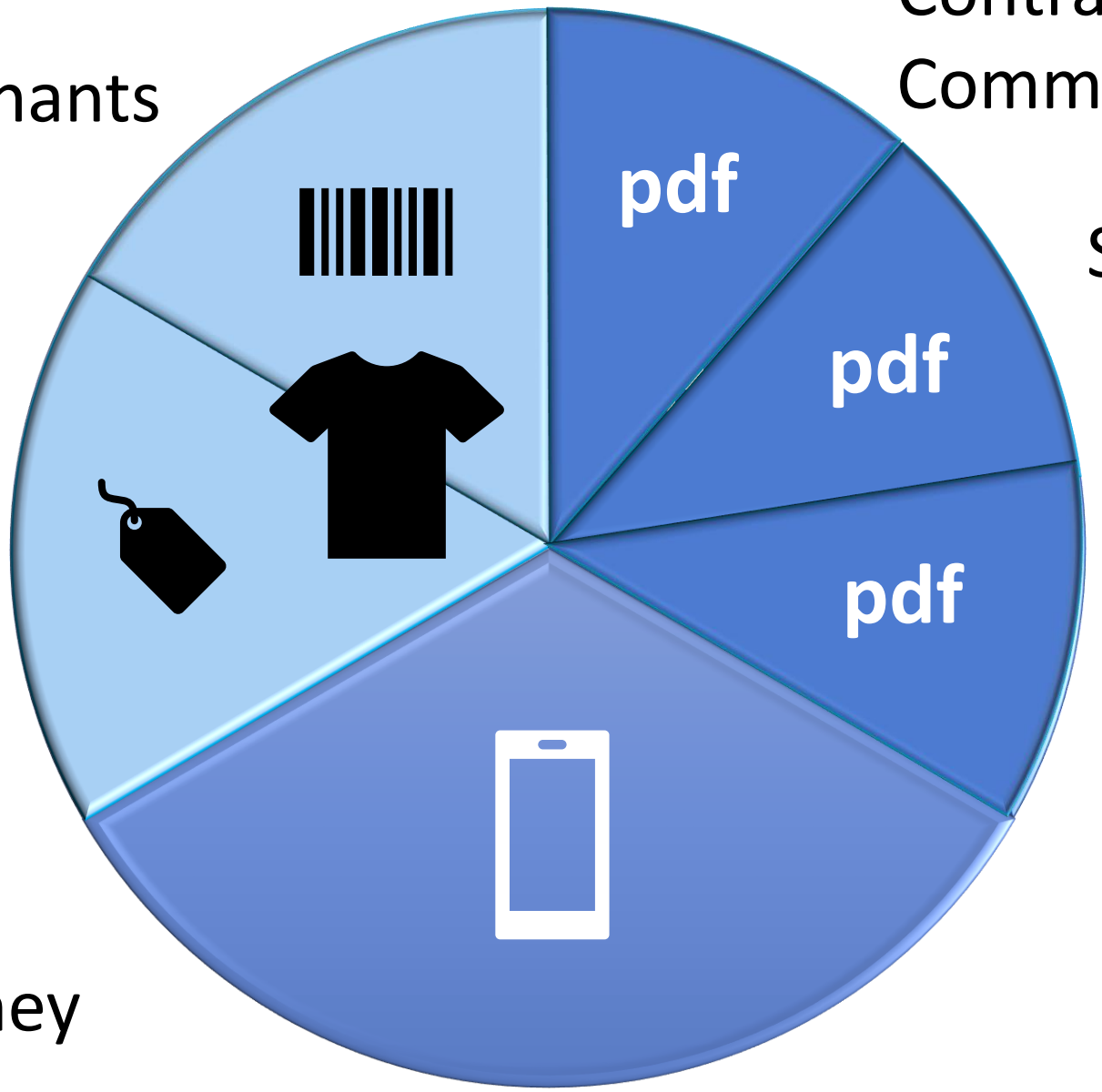
Contracts, Patents, Commodities

Shares

Credentials

Credentials

Fiat money



digital assets

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Token

Merchants

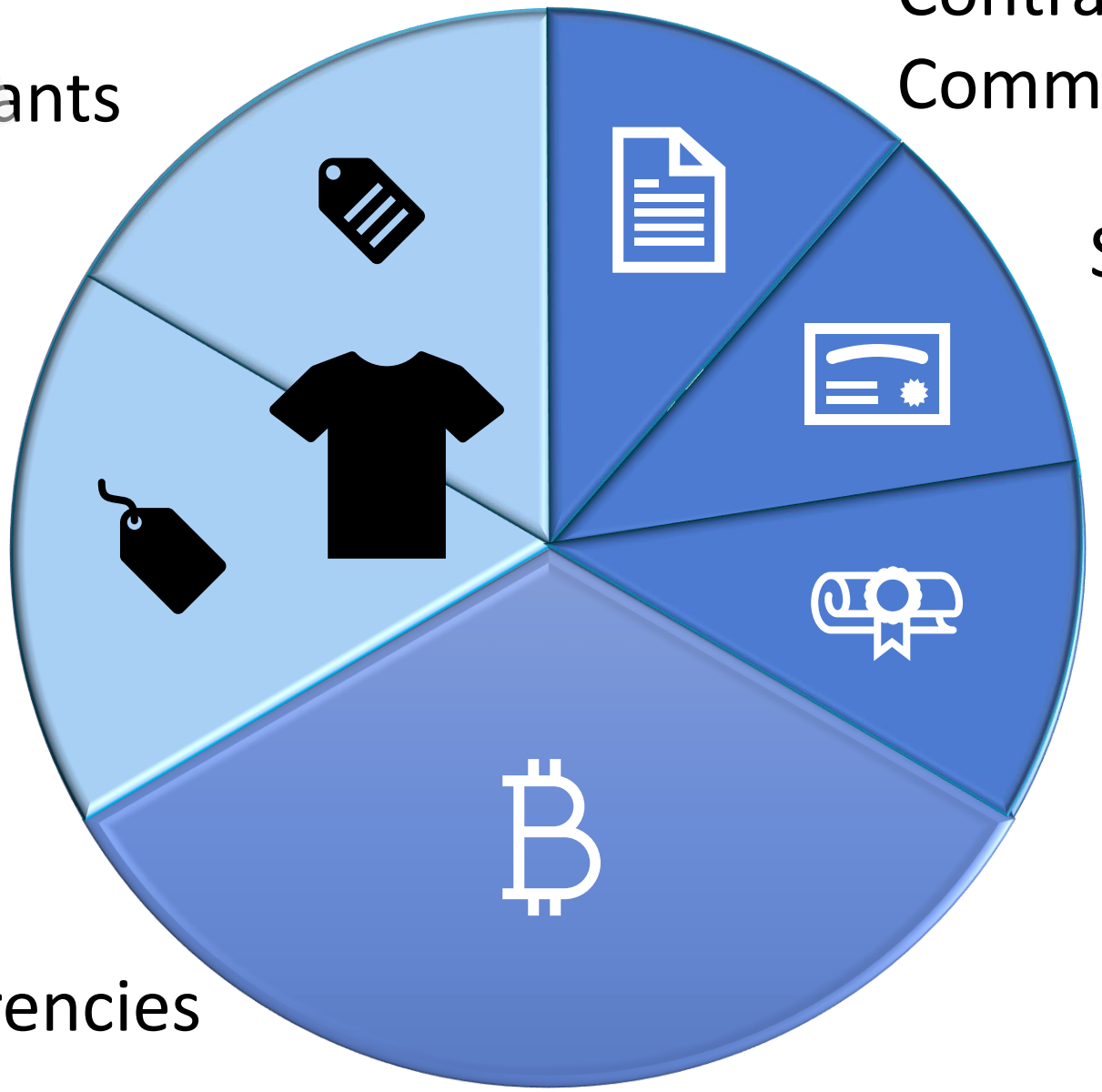
Contracts, Patents
Commodities

Token

Shares

Token

Credentials



Credentials

Token

Cryptocurrencies

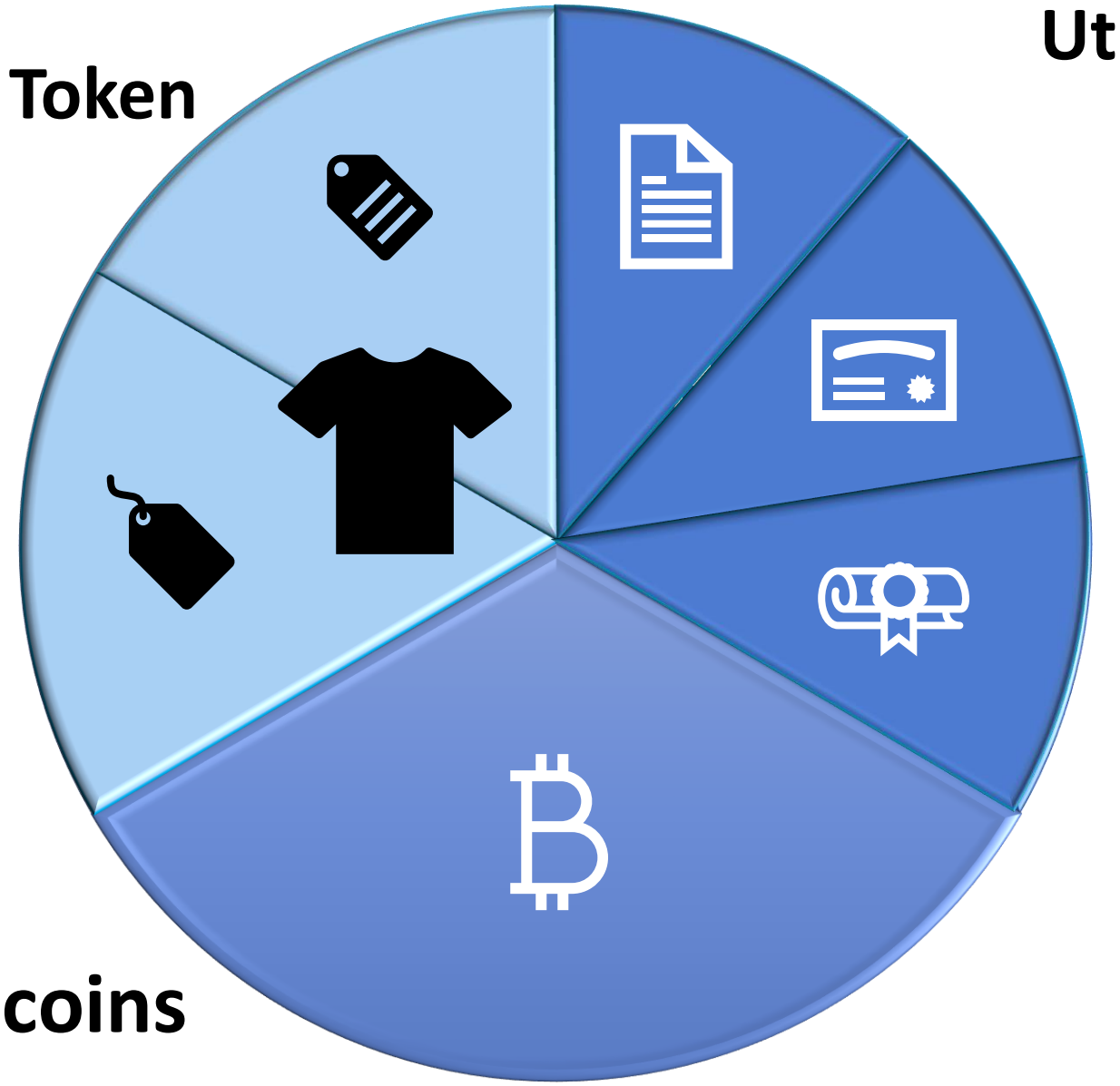
trusted
assets

inlea

Utility Token

Credentials

Cryptocoins



Utility Token

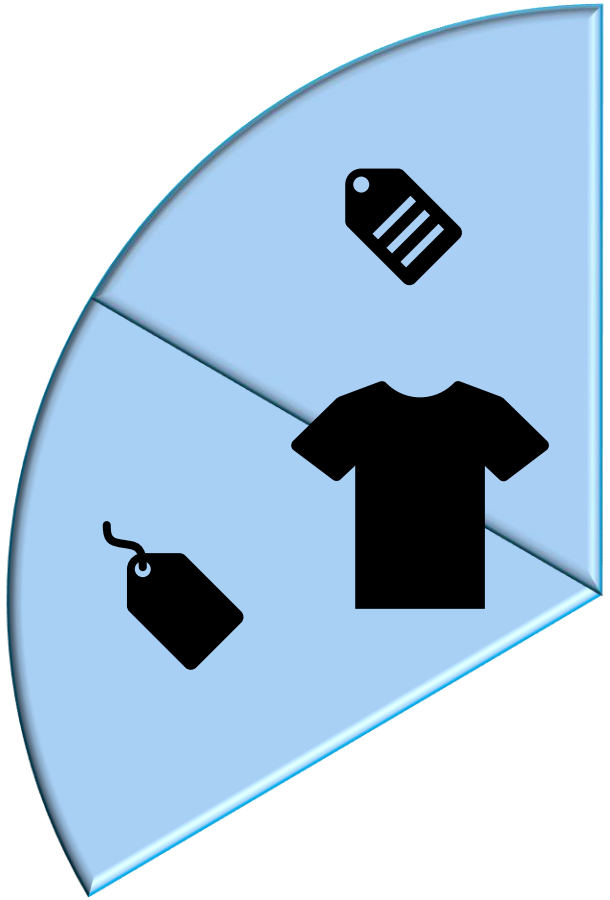
Security Token

Credentials

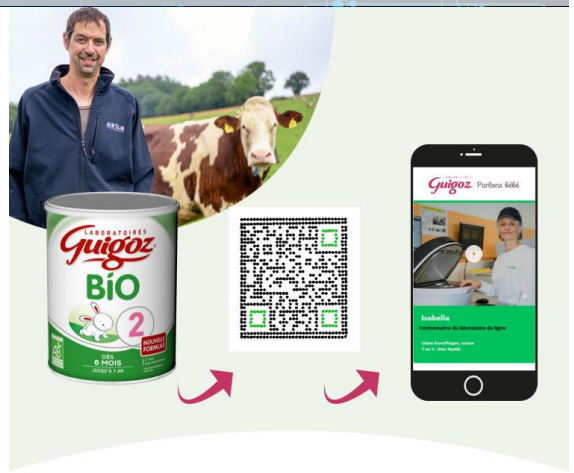
trusted assets

inlea

Credentials



Nestlé y Carrefour usan blockchain para supply chain de leche infantil (14/11/2019)



Les Laboratoires Guigoz font un pas de plus dans leur initiative de transparence !

Scannez le QR code sous votre boîte et découvrez les étapes de fabrication de cette formule infantile.

En savoir plus

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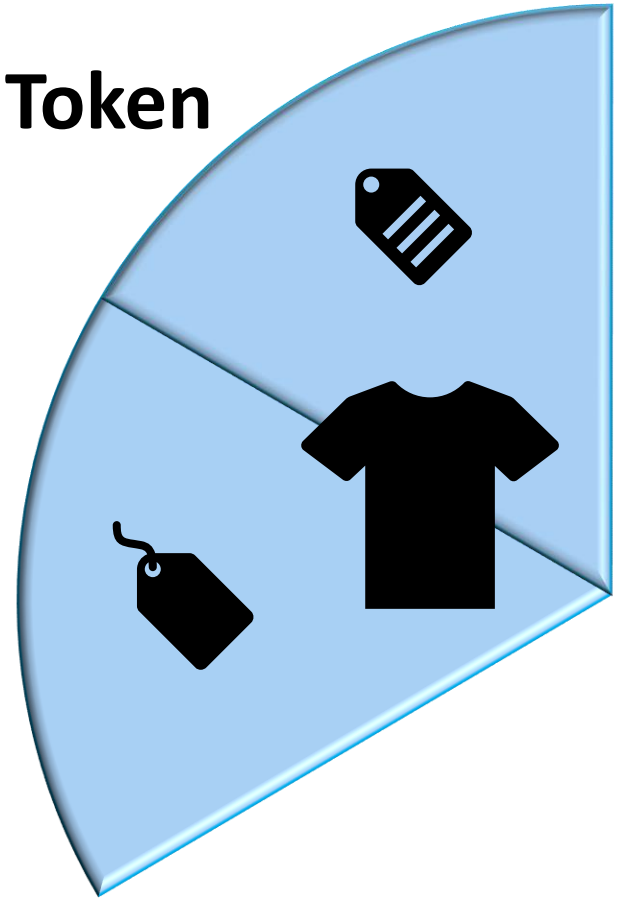
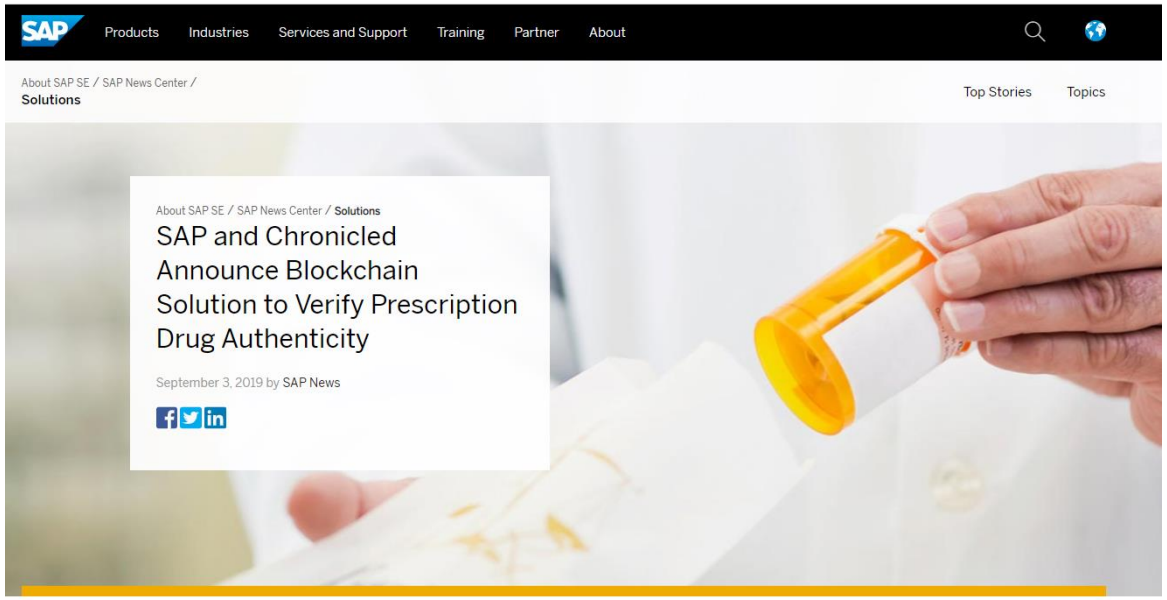
Utility Token

Credentials





SAP Information Collaboration Hub for Life Sciences verifica la autenticidad de los medicamentos devueltos a los mayoristas desde hospitales y farmacias, que luego se revenden a clientes según lo ordena la DSCSA (3/09/2019)

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Naturgy usa blockchain para certificar instaladores de Sedigas (04/09/2019)

Credentials

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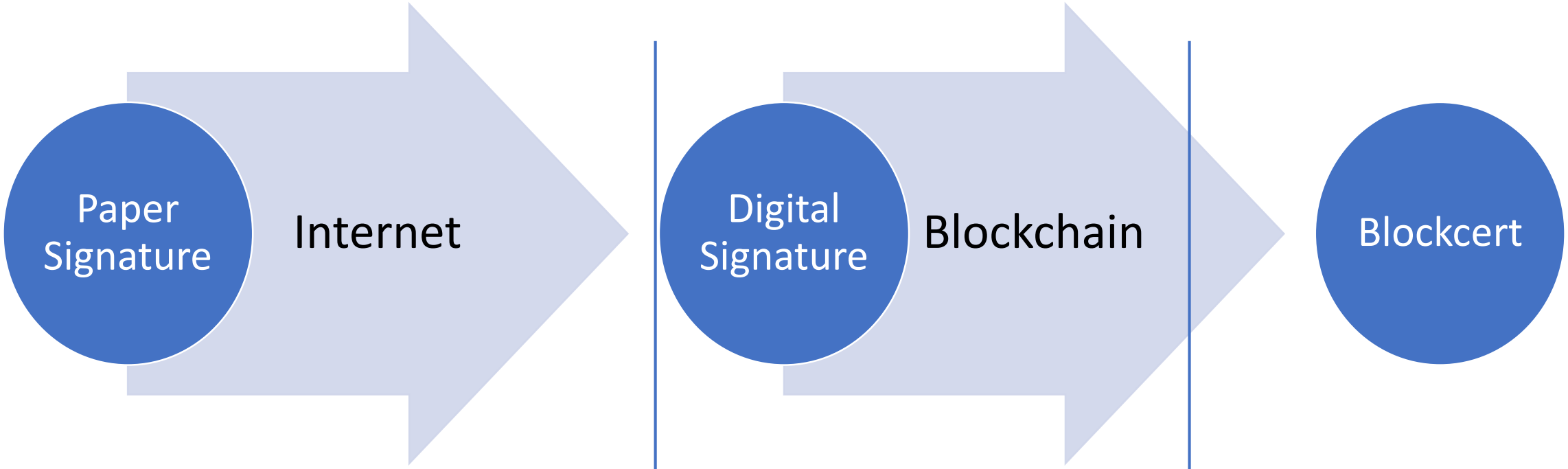
Credentials



Format	PDF	JSON
Revocable	No	Yes
Expirable	No	Yes
Self-Sovereign	No	Yes
Human Resources	Yes	No

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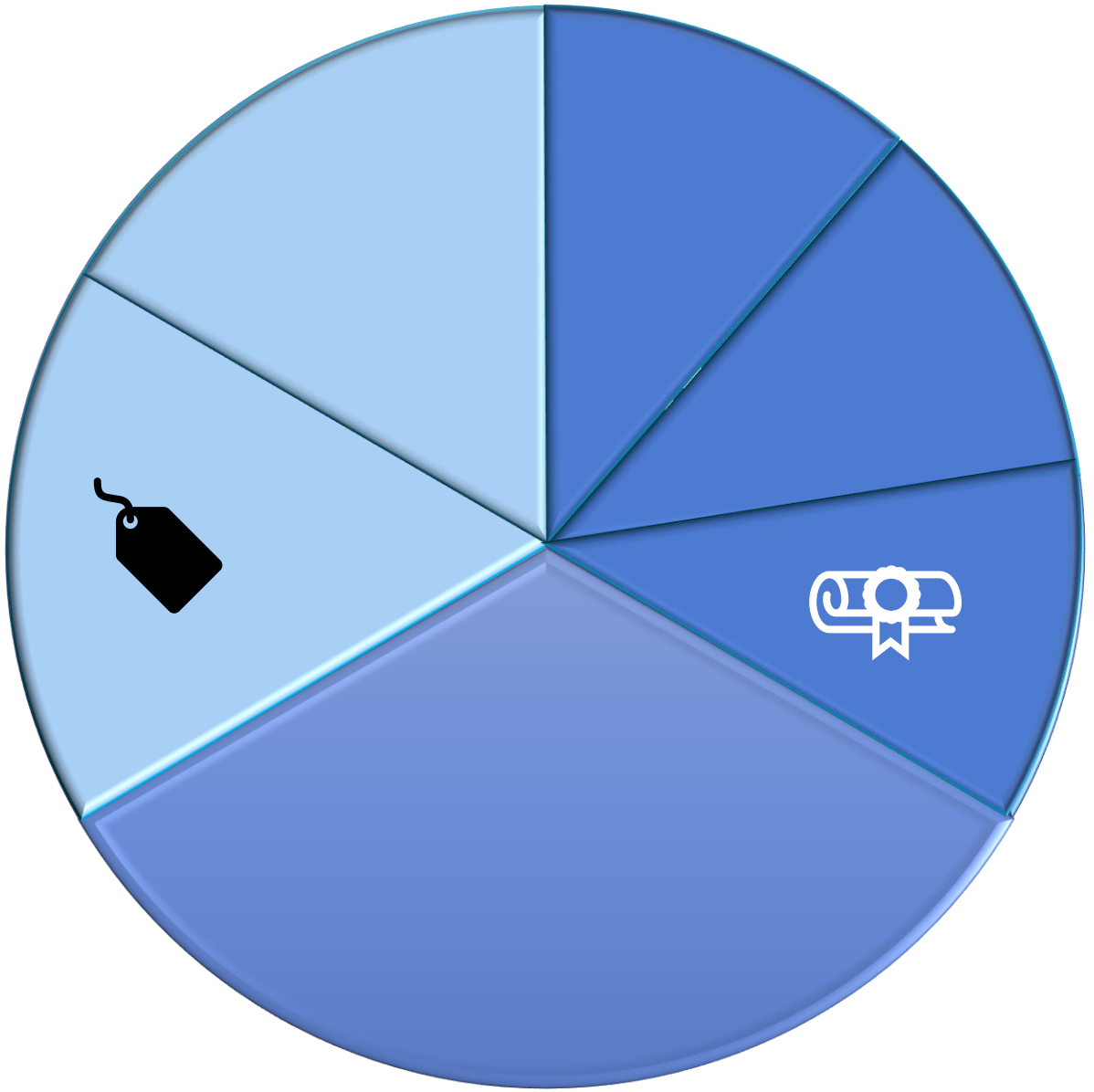
Credentials



Credentials

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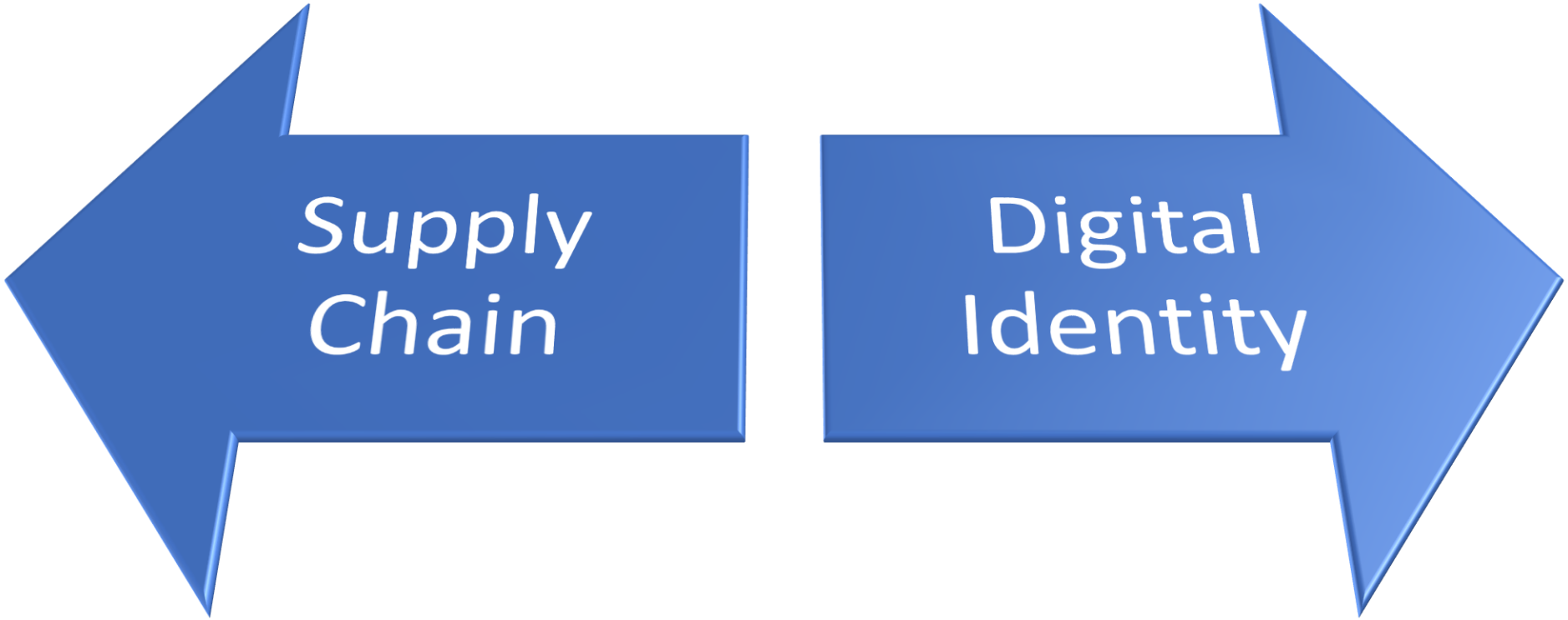
Credentials



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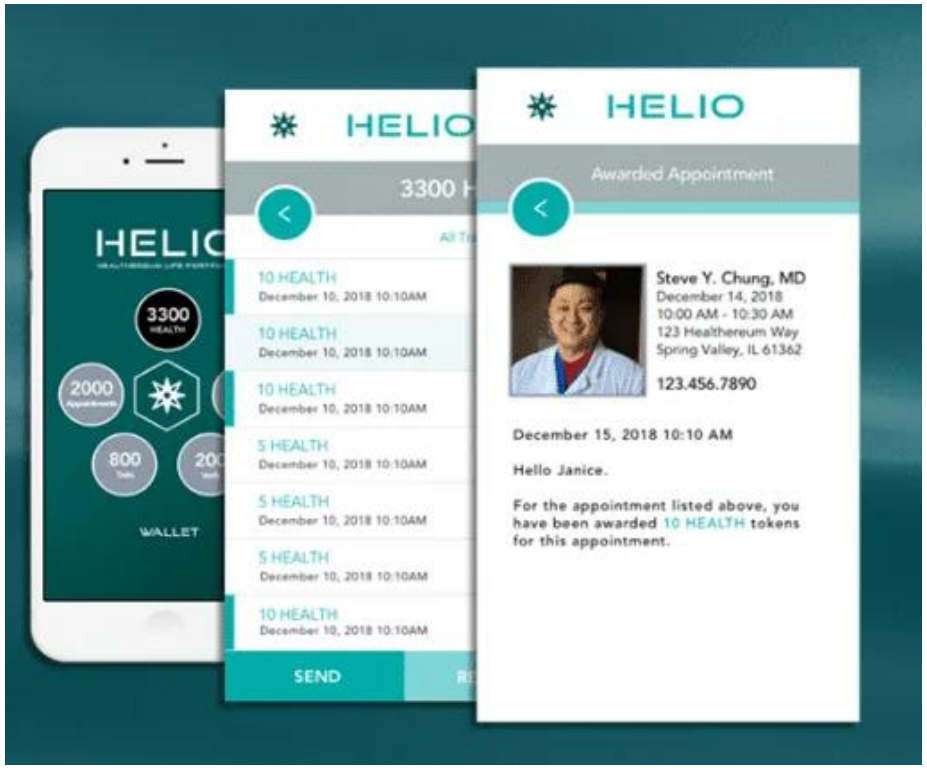

Usuarios de la app Helio reciben tokens por su participación en encuestas, actividades y verificaciones (3/04/2019)

Utility Token

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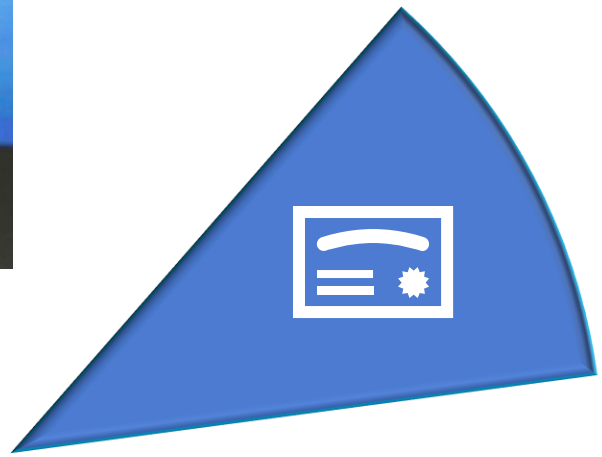
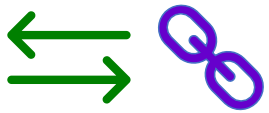
Healthbank, una cooperativa on l'usuari és el propietari de les seves dades de salut (22/07/2019)



Security Token



Token details

Symbol:	HBE
Blockchain:	Ethereum
Token type:	ERC20
Available for sale:	2 200 000 000 (55%)
Total supply tokens:	4 000 000 000

Financial information

STO Price:	1 HBE = CHF 0.0143
Fundraising goal:	CHF 27,600,000
Min. investment:	CHF 5'000
Max. investment:	CHF 27,600,000
Bonuses:	Pre-STO 25% Public-STO 15% for first two weeks, 10% for second two weeks, 5% for third two weeks

trusted assets

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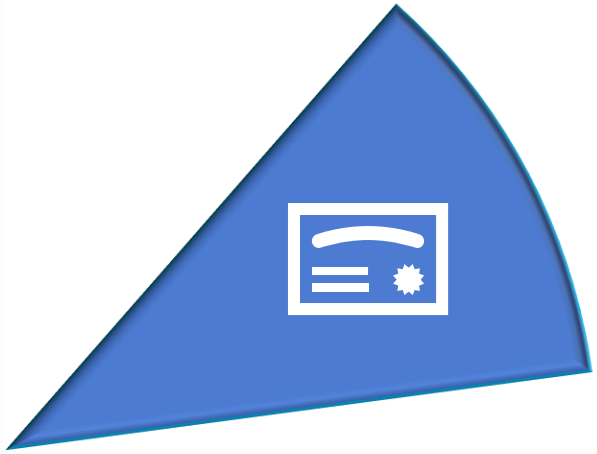
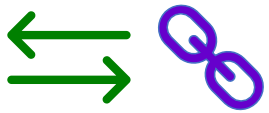
ICOs (Initial Coin Offerings) dead

An update on initial coin offerings

Name	Raised	Listing Price	Price 12/23/2019	Return
modum	$13,400,000	$0.4874	Dead	-100%
shivom	$35,000,000	$0.0486	Dead	-100%
timicoin	?	$0.0589	Dead	-100%
nam-coin	?	$0.0014	Dead	-100%
patientory	$7,000,000	$0.6482	$0.006	-99%
medicalchain	$24,000,000	$0.3185	$0.003	-99%
aidoc	$23,000,000	$0.2311	$0.003	-99%
curecoin	$6,800,000	$0.7986	$0.033	-96%
ambrosus	$32,000,000	$0.1972	$0.014	-93%
medishares	?	$0.0313	$0.003	-90%
dentacoin	$3,000,000	$0.0003	$0.00004	-89%
lympo	$14,000,000	$0.0174	$0.003	-85%
medibloc	$6,000,000	$0.0206	$0.003	-84%
farmatrust	$20,000,000	$0.0066	$0.002	-75%
encrypgen	$1,000,000	$0.0474	$0.017	-65%
docademic	$1,100,000	$0.0096	$0.006	-40%
Solve.Care	$20,000,000	$0.1427	$0.106	-26%



Security Token



trusted assets

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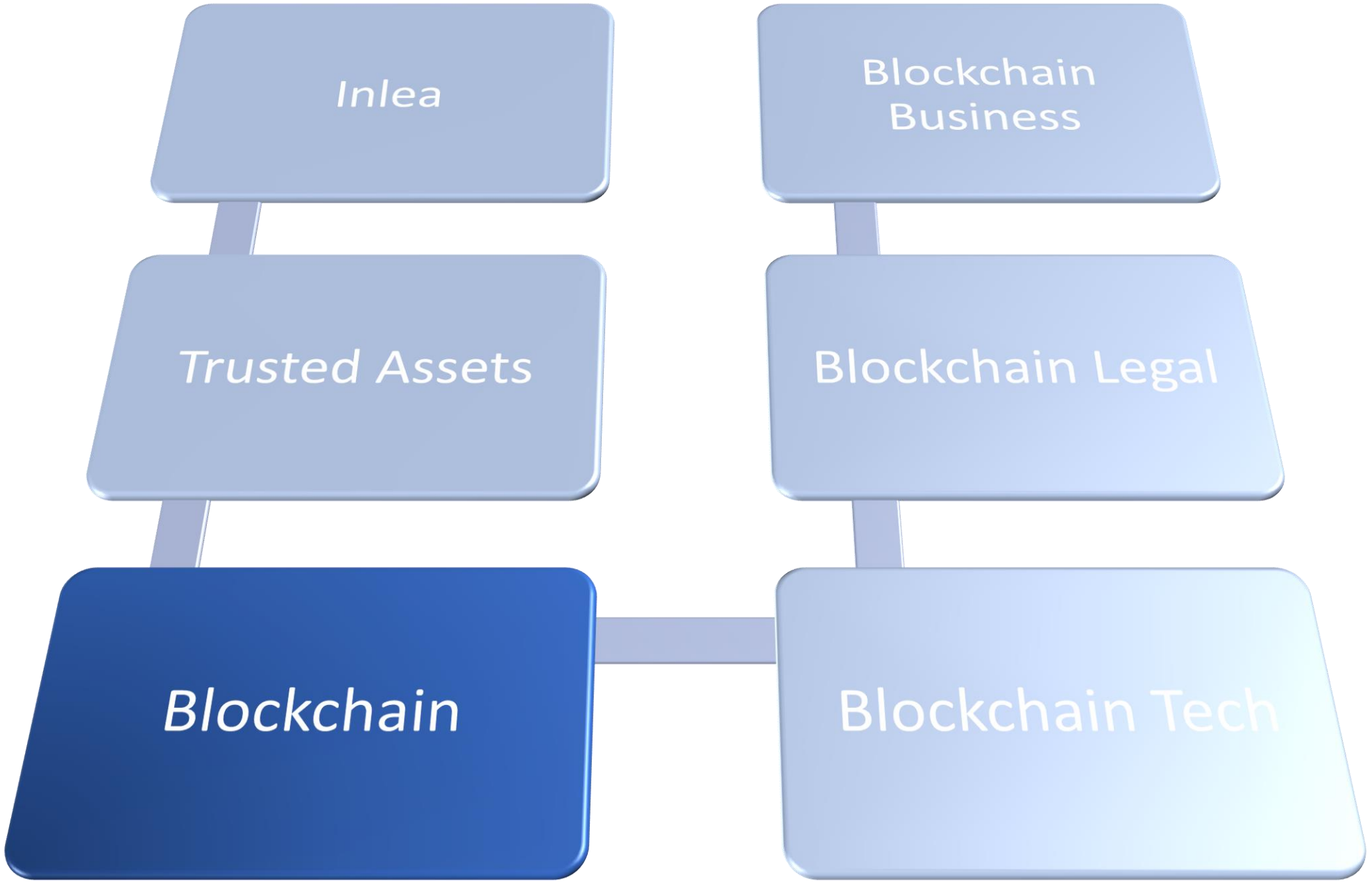

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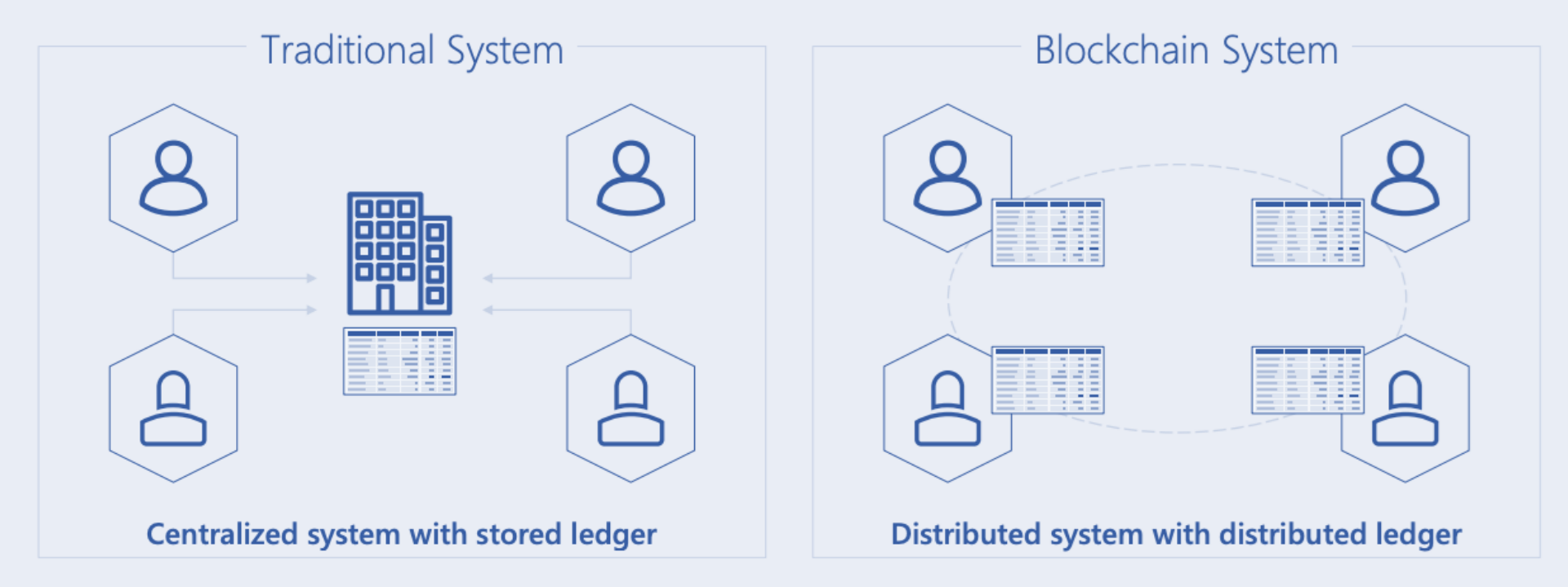
Blockchain Technology is A Fundamental Shift



Traditional ledgers are centralized and use 3rd parties and middlemen to approve and record transactions

Blockchain safely distributes ledgers across the entire network and does not require any middleman

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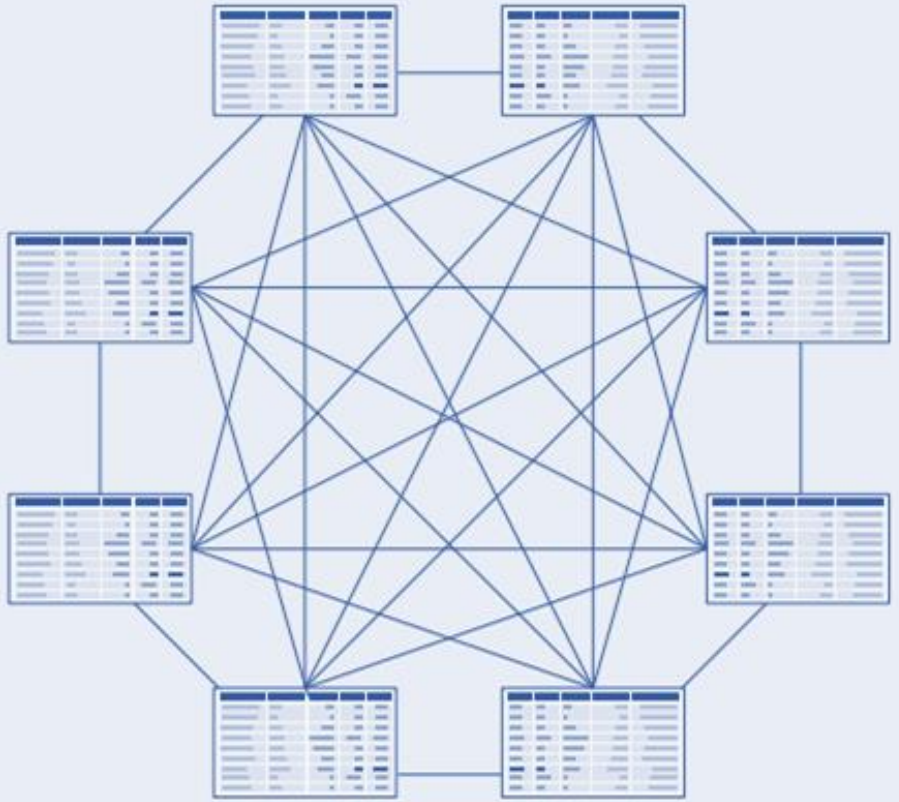
With Blockchain, Data Is Distributed

FROM	TO	PROPERTY	VALUE
Alex	Katie	Payment	$500
Jim	Sally	Payment	$300
Alex	Garth	Asset	Car
Katie	Tony	Payment	$100
Molly	Paula	Message	I love you



Secure | Shared | Distributed

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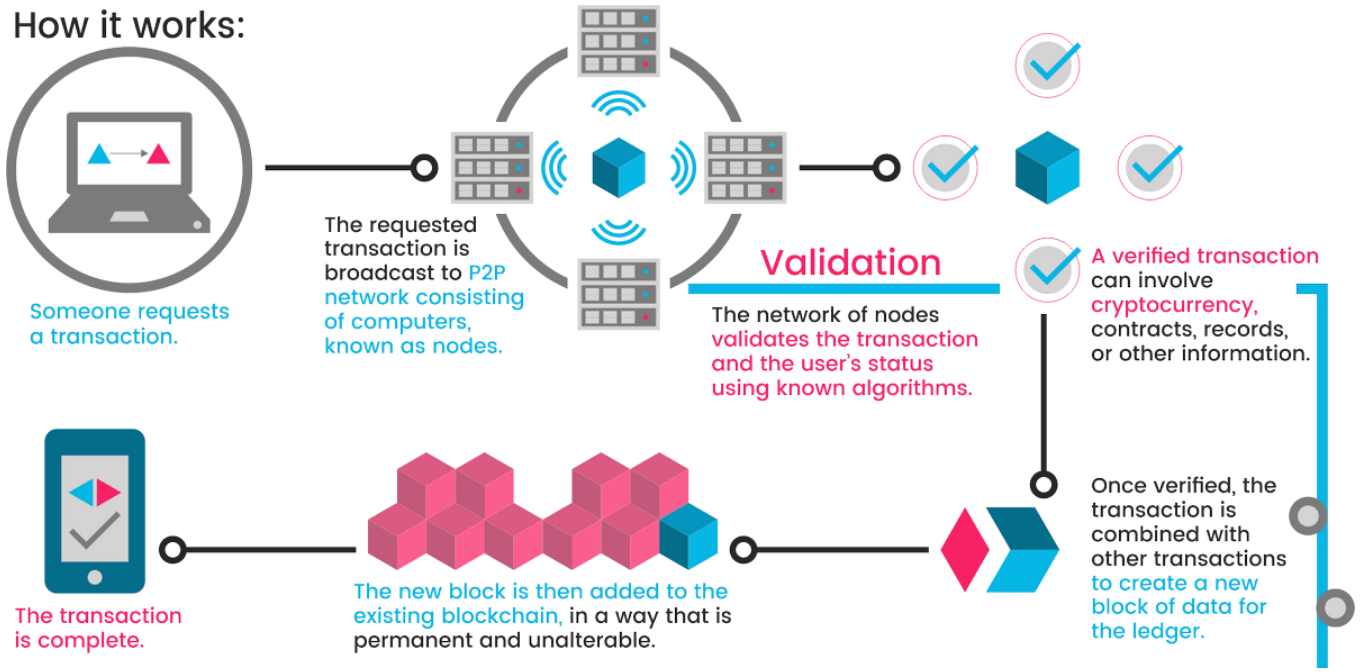
The Basics of Blockchain



- Every transaction is unique (cryptography)
- No central control (decentralized)
- Verification and validity of transactions (consensus)
- Records are trusted (ledger) but it's a one way street

Businesses can save time and costs while reducing risks

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Public and Private Blockchains

Linux
Open source, open to participation by anyone

Public Blockchains

Red Hat Linux
Built on open source but proprietary

Private Blockchains

ENTERPRISE ETHEREUM ALLIANCE

HYPERLEDGER

r3

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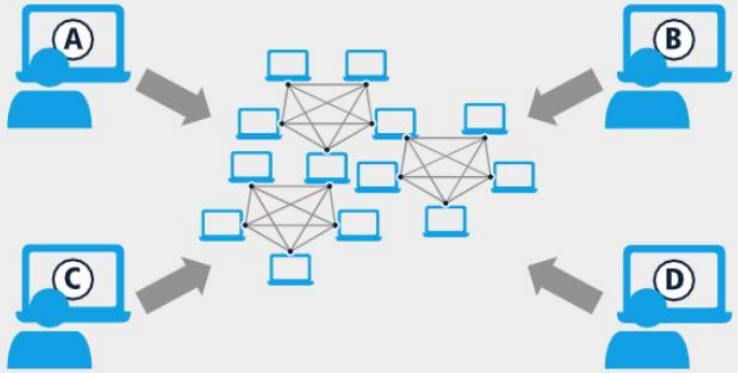
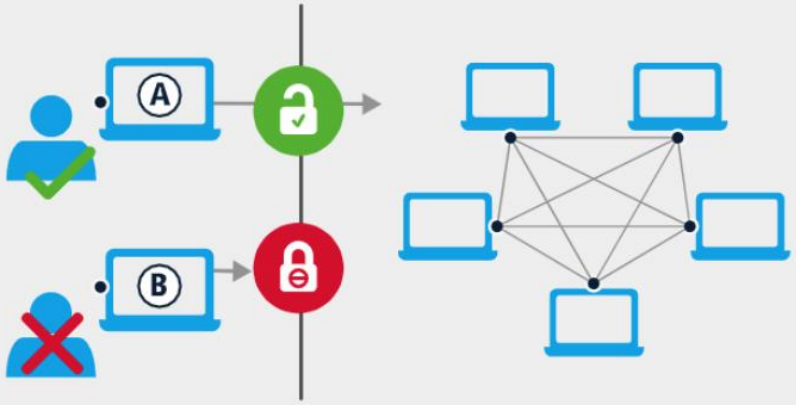
Public vs Private Blockchains contd…

Bringing back some elements of centralization



PUBLIC, PERMISSIONLESS BLOCKCHAINS

- Anyone can join the network and submit transactions
- Anyone can contribute computing power to the network and broadcast network data
- All transactions are broadcast publicly

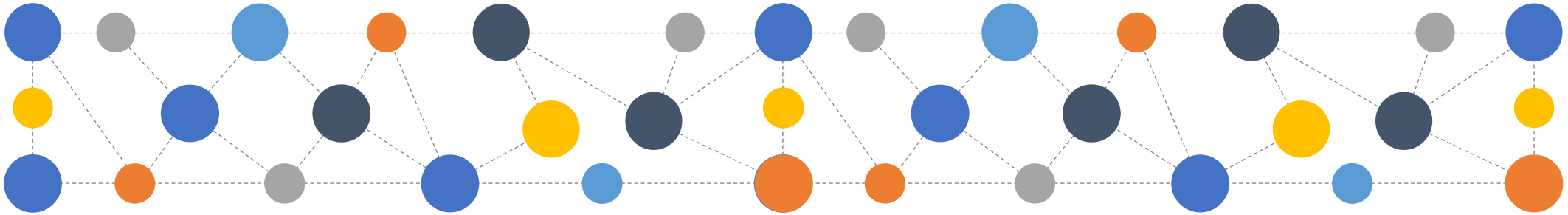


PRIVATE, PERMISSIONED BLOCKCHAINS

- Only safelisted (checked) participants can join the network
- Only safelisted (checked) participants can contribute computing power to the network and broadcast network data
- Access privileges determine the extent to which each safelisted participant can contribute data to the network and access data from the network

Blockchain | A Convergence of Many Factors

Intersection of Technology with Economic, Social, Political, Cultural Consciousness etc.



Tech

Protocols
Security
Consensus
Key Storage & Access
Cross-chain interactions

Architects and Developers

Business

Transaction Costs
Privacy & Anonymity
Counterparty Risk
Operational Transparency
Auditability

Executive Advisory

Regulatory

Utility vs Security
Jurisdiction
Investor Rights
Self-regulation
KYC and AML Issues

Law Firms

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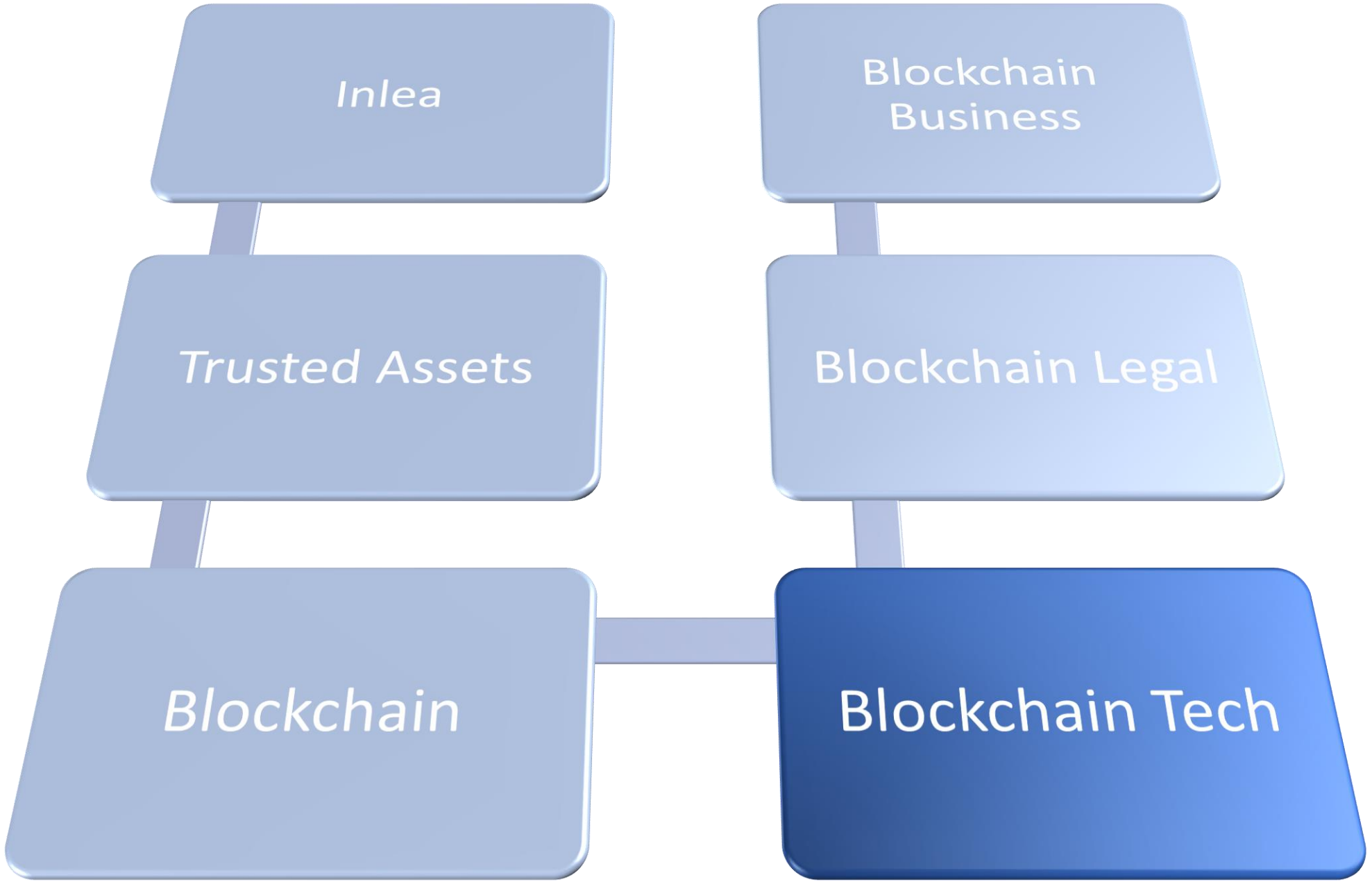

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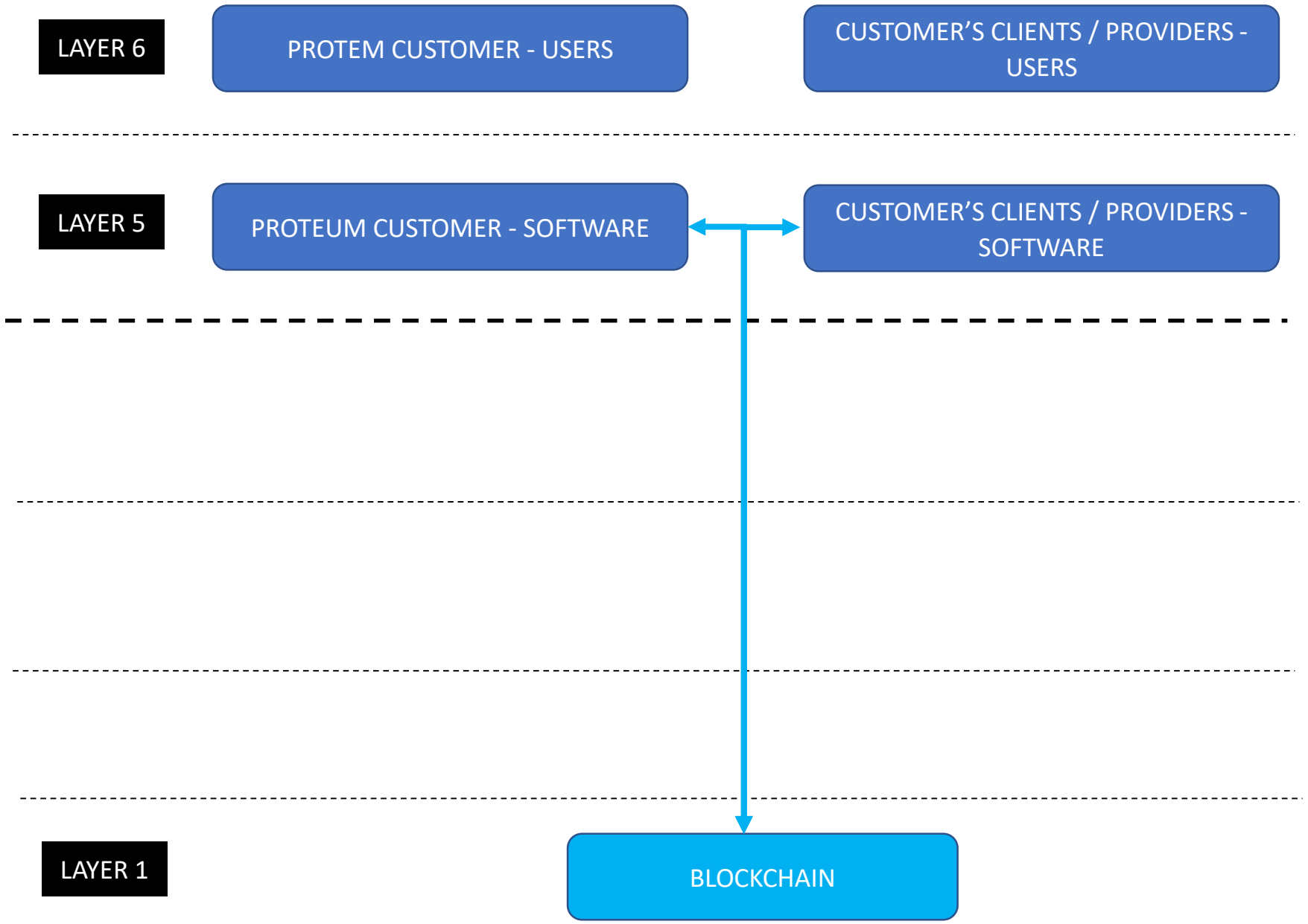
Proteum Blockchain Tech Model



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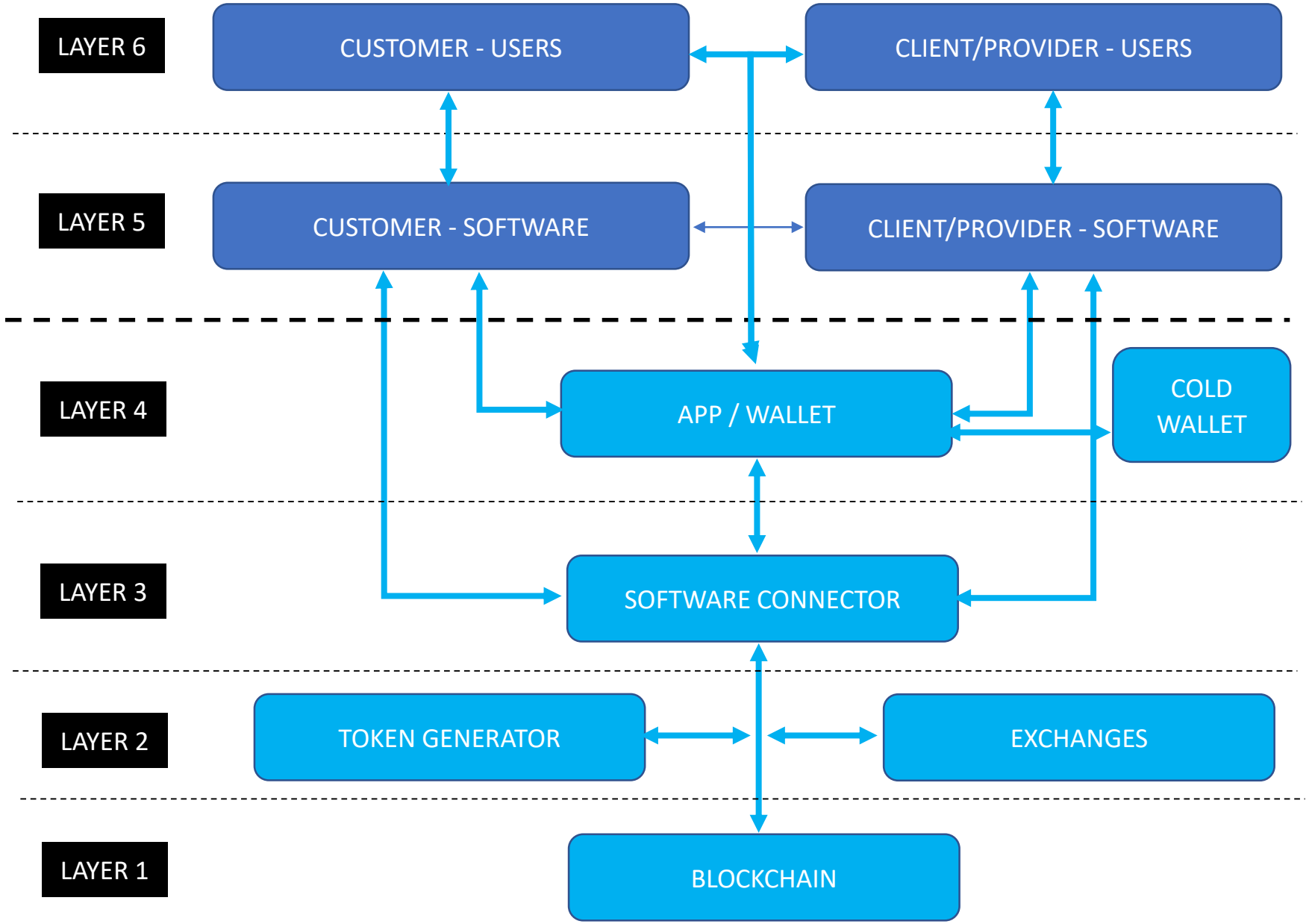
Proteum Blockchain Tech Model



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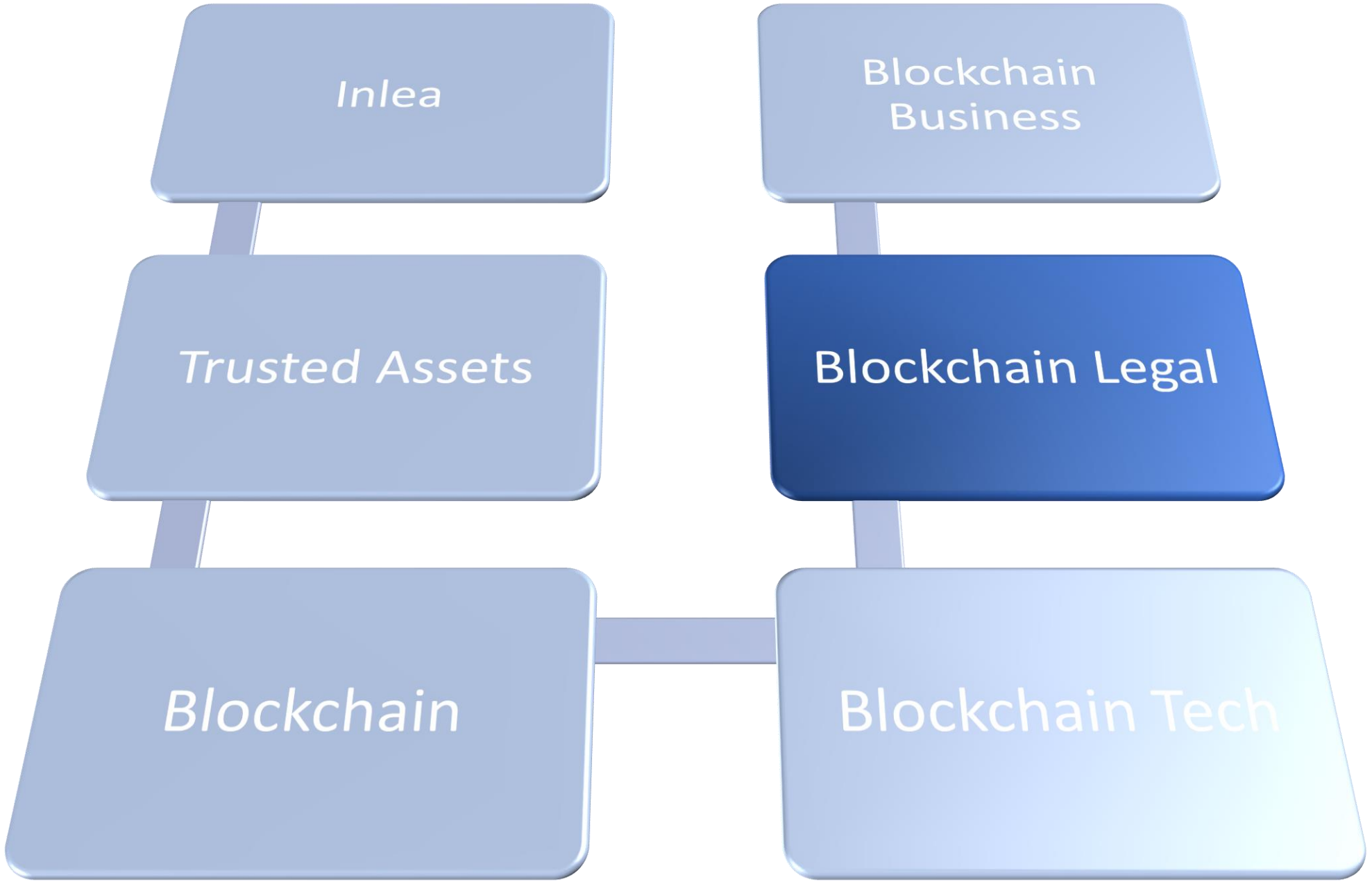

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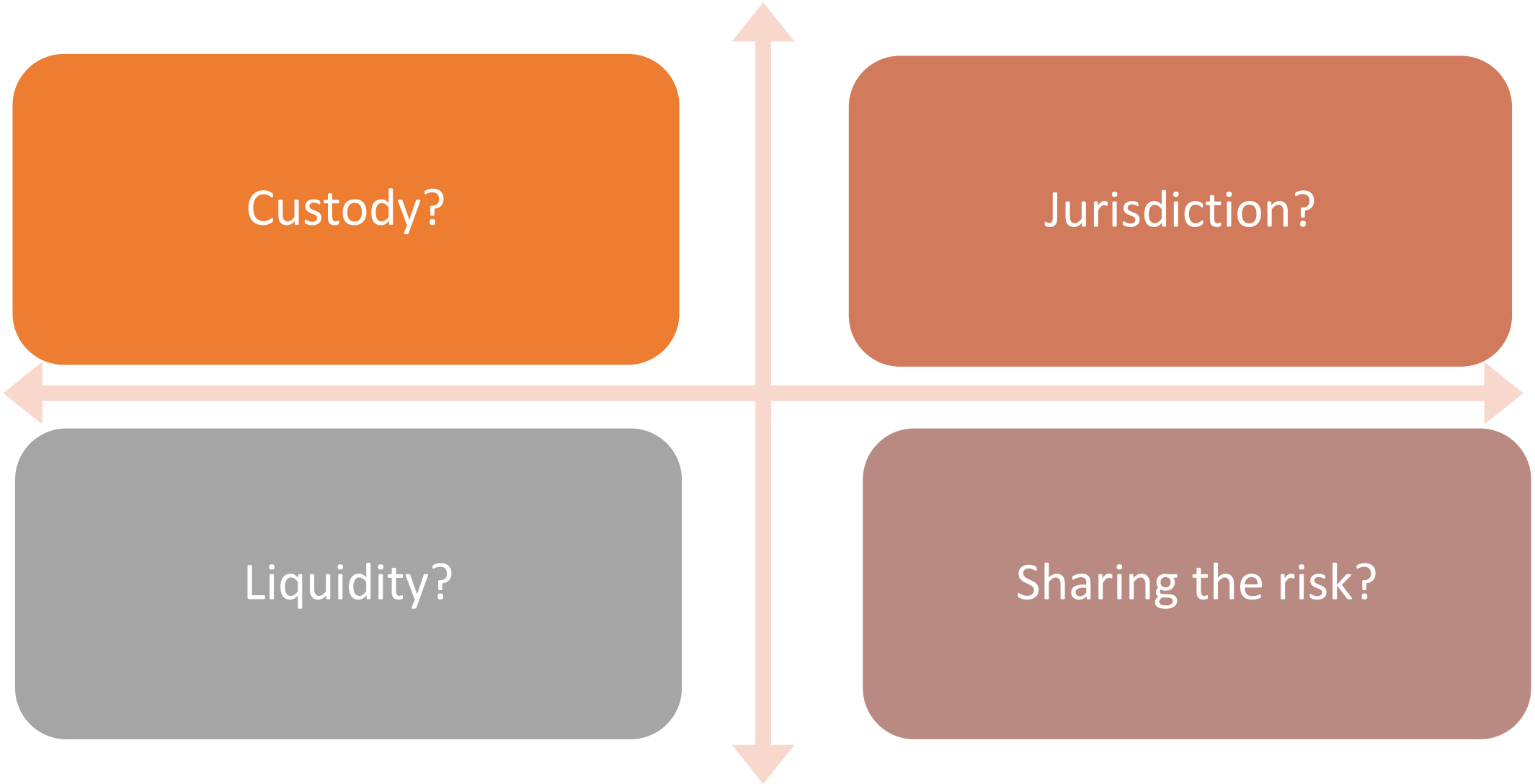
Legal Evaluation If Blockchain Is Appropriate For A Project



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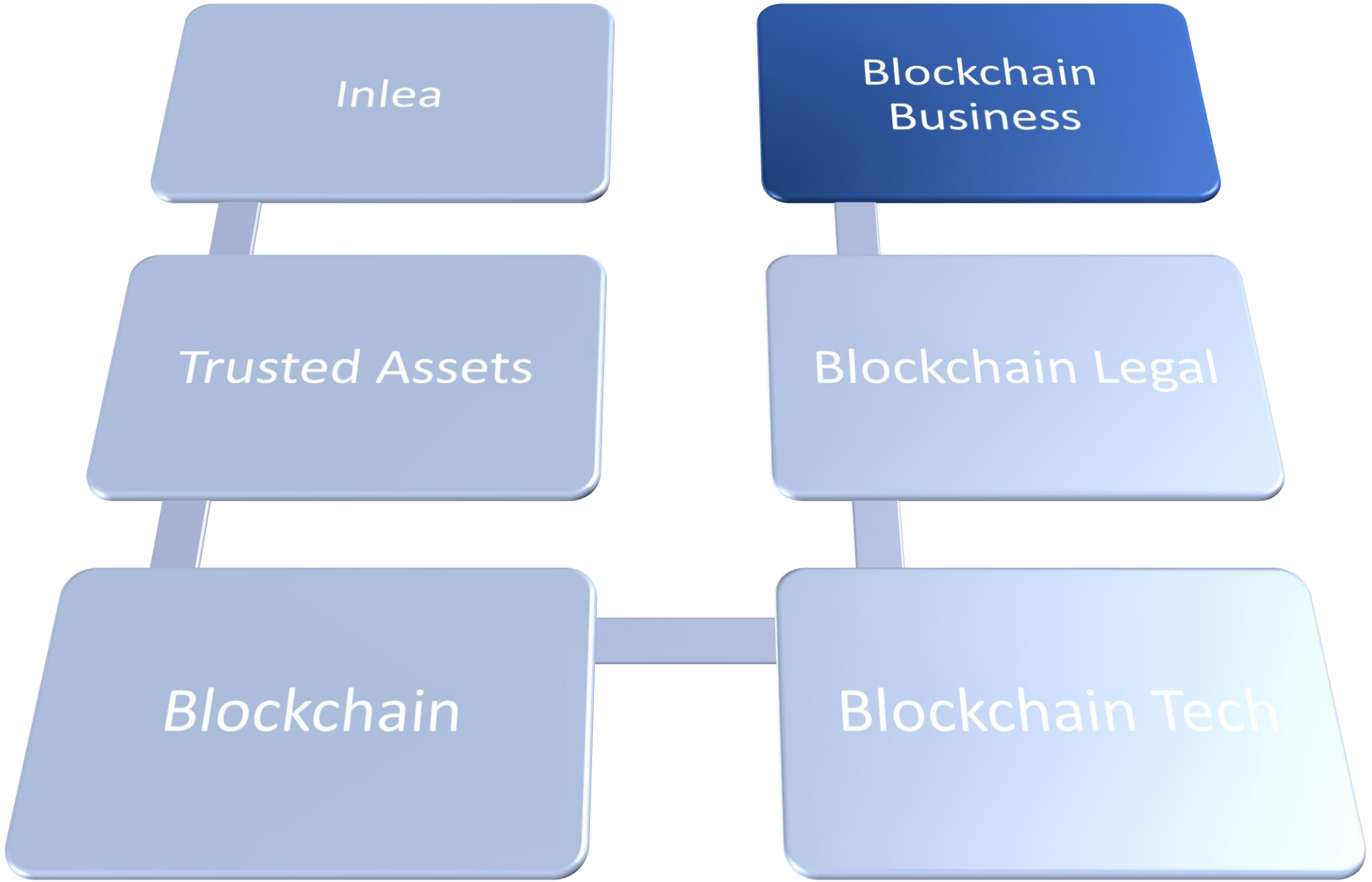

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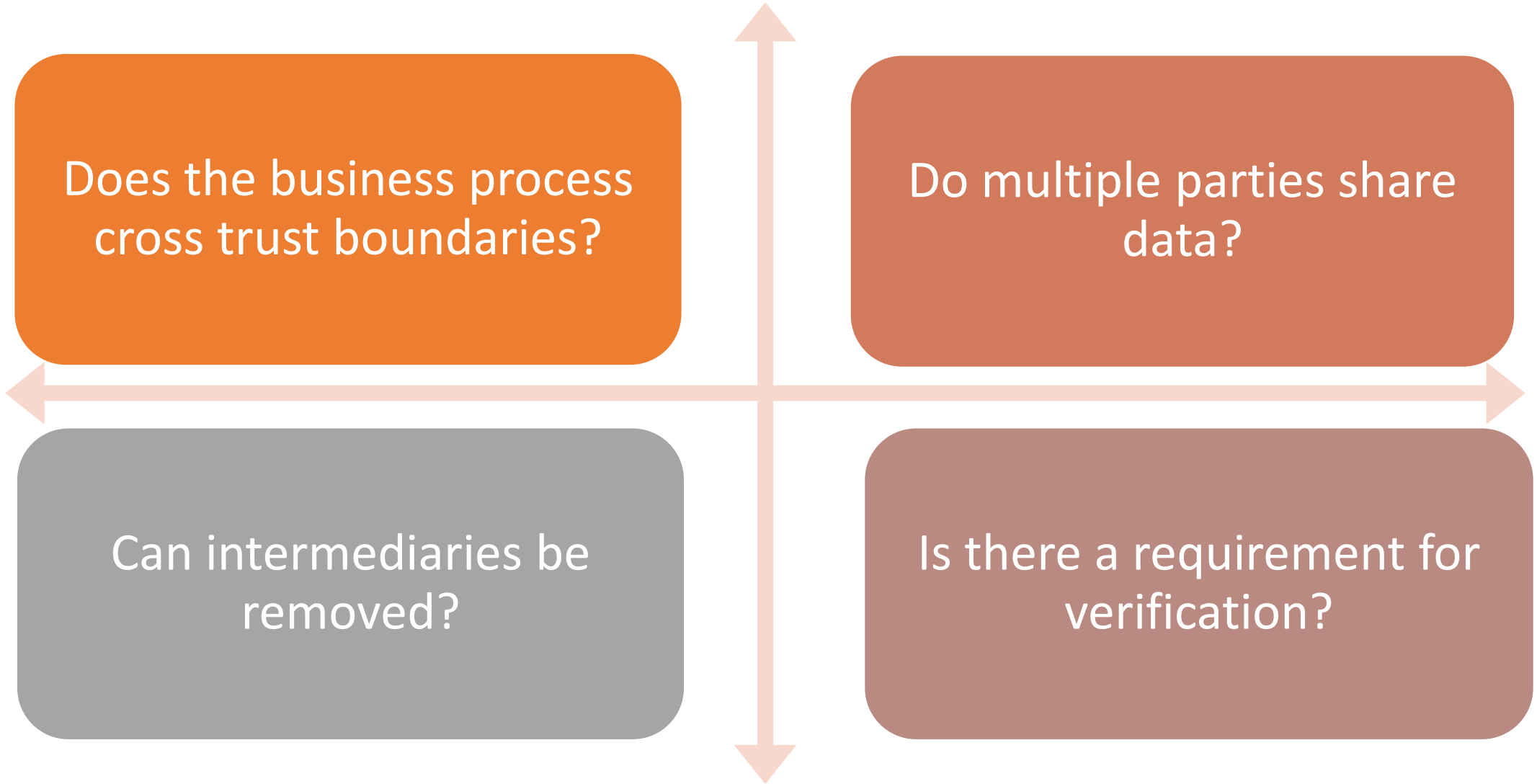
Evaluating If Blockchain Is Appropriate For A Project



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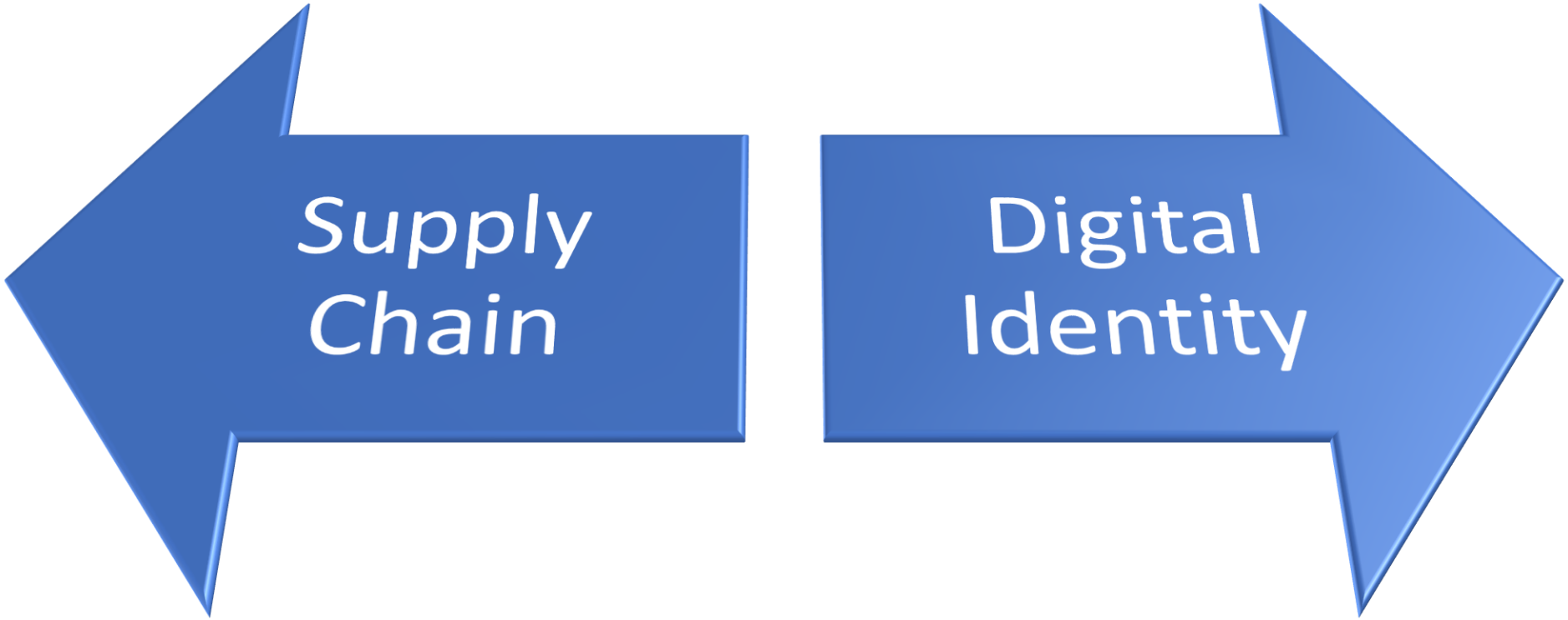
Credentials



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Credentials

Supply Chain

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Credentials

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Forbes Billionaires Innovation Leadership Mone

EDITORS' PICK | 13,961 views | Dec 12, 2019, 01:48pm

Anthem Will Use Blockchain To Secure Medical Data For Its 40 Million Members In Three Years

Leah Rosenbaum Forbes Staff

Innovation

I'm the assistant editor for healthcare and science.

coindesk

Bitcoin 24h $9,439.26 +0.98% | Ethereum 24h $193.02 +6.64% | XRP 24h $0.26028

Story from **Markets** →

Samsung SDS Pilots Blockchain-Based Medical Insurance Network

Oct 17, 2019 at 6:00 UTC

Boehringer Ingelheim partners with Solve.Care for blockchain-based healthcare network for diabetes patients

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EY to utilize Guardtime's blockchain, Sensyne Health's AI for outcome-based health payments

Wed, 26 Jun 2019, 06:52 am UTC

South Korean hospital to integrate blockchain-based health data management solution

Wed, 24 Apr 2019, 09:12 am UTC

4,864 views | Jan 15, 2019, 06:00am

Software Technology Company Raises $16M To Bring Blockchain To The Pharmaceutical Industry

Rachel Wolfson Former Contributor
Crypto & Blockchain
Former Contributor

DNA, helix model medicine and network connection lines for technology concept on blue background, 3d... [+] GETTY

The current cryptocurrency bear market might have some of us wondering about the future of blockchain. Yet despite declining crypto prices and failed ICOs (Initial Coin Offerings), one company in particular is demonstrating the impact that blockchain technology

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HEALTHCARE BLOCKCHAIN ADOPTION

1. **HEALTHCARE CONSORTIA & MANAGING PROVIDER INFORMATION**
2. **DRUG SUPPLY CHAIN**
3. **CLAIMS MANAGEMENT, PAYMENT, & PRIOR AUTHORIZATION**
4. **HEALTH INFORMATION EXCHANGES & RESEARCH DATA**
5. **RESEARCH & TRIAL DESIGN**
6. **UNIVERSAL IDENTITIES, PATIENT HEALTH RECORDS, DAPP SERVICES**

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