

# Blockchain Enabled

## Next-Gen Solutions for Business Reform

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Presented by   
**CTIA**

# For a Fair Future.

## A fair world for all 7.7 billion people.

Life is not just about country, region, race, or background.

We are working towards a world where all people have opportunities made fairer by the blockchain.

New solutions are needed to meet the ever-changing needs of society and systems. To achieve this, we are

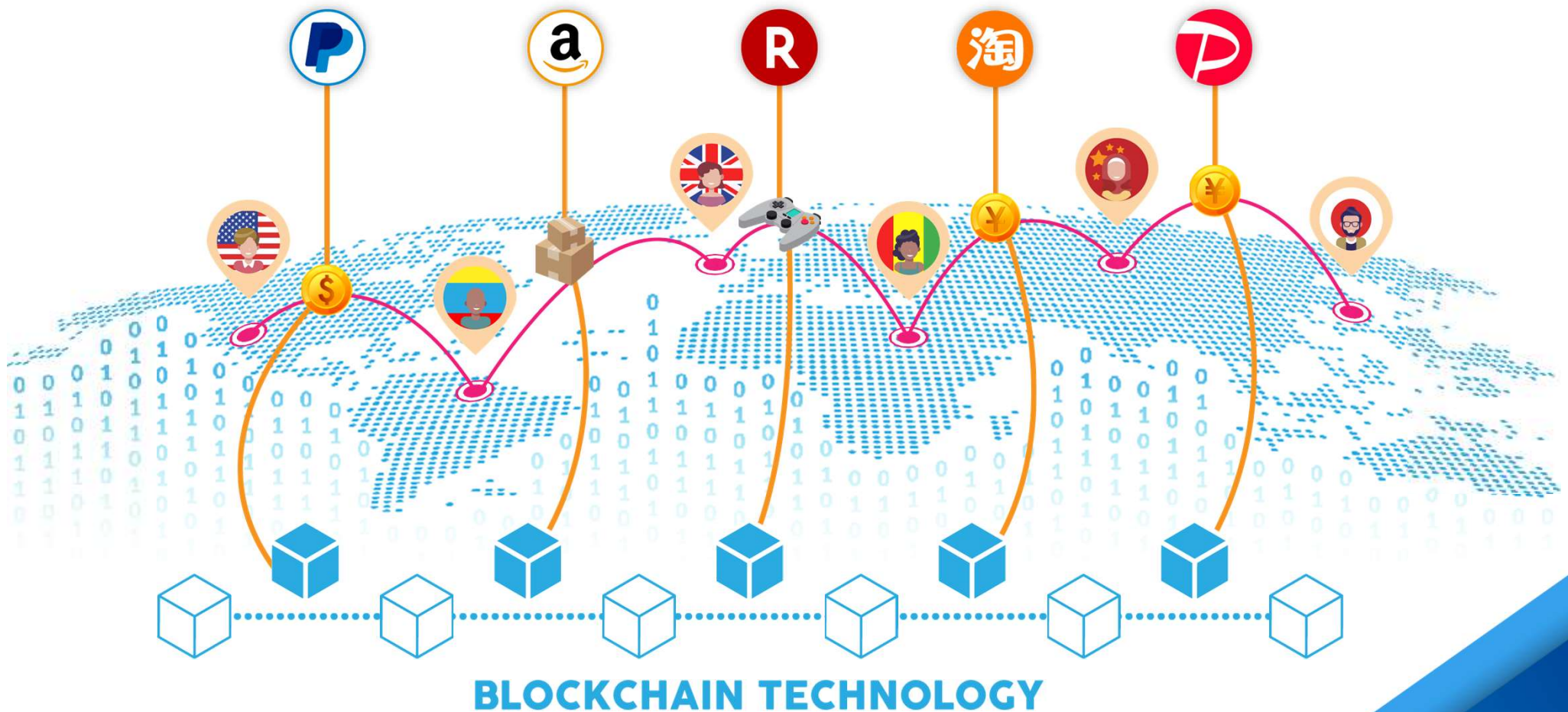
building a society with the next generation of technology.

CTIA's vision is to advance new forms of business for all to benefit.



The world's transactions can be secure and transparent on the blockchain.  
We're working on a future where all transactions are recorded!

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Blockchain  
DLT  
Core System

Supply Chain  
ESG · SDGs  
Microgrids  
Insurance/Finance  
Human Resources · eKYC

**TaaS** | Traceability as a Service

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**Bringing transparency  
and security to the  
Supply Chain**





# What is Traceability as a Service?

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TaaS is a platform born to rebuild the industrial base using distributed ledger technology. We use TaaS to manage companies in various industries, data and business progress, etc., and support effective business execution that is mutually coordinated by achieving efficiency and automation.

## ◆ Features of TaaS

- ✓ Efficiency and automation of administrative tasks
- ✓ Real-time information sharing and visualization of core business operations such as contracts, transaction history, and business history
- ✓ Enabling non-financial information recording
- ✓ Reduced communication costs
- ✓ Recorded information cannot be rewritten (tamper-proof)
- ✓ High security by not adopting a central system (distributed system)

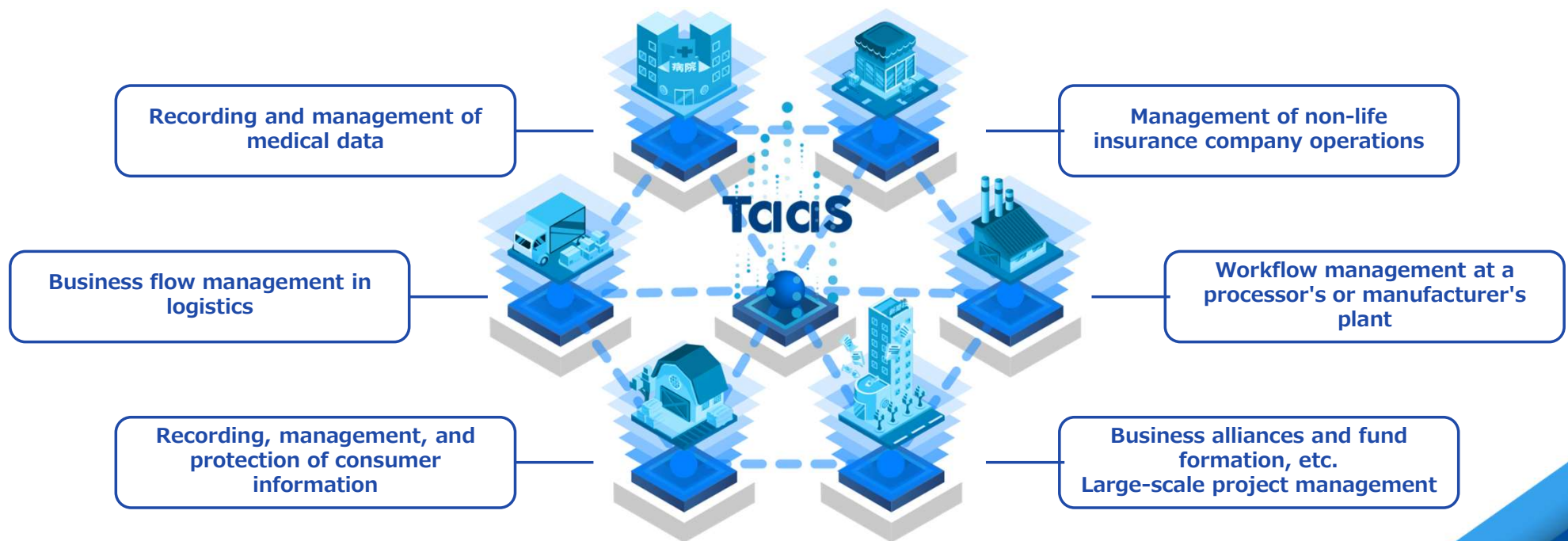


# A highly versatile system to use in all industries and business areas

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Because TaaS is a system with high interoperability and applicability, it can be utilized in all industries.

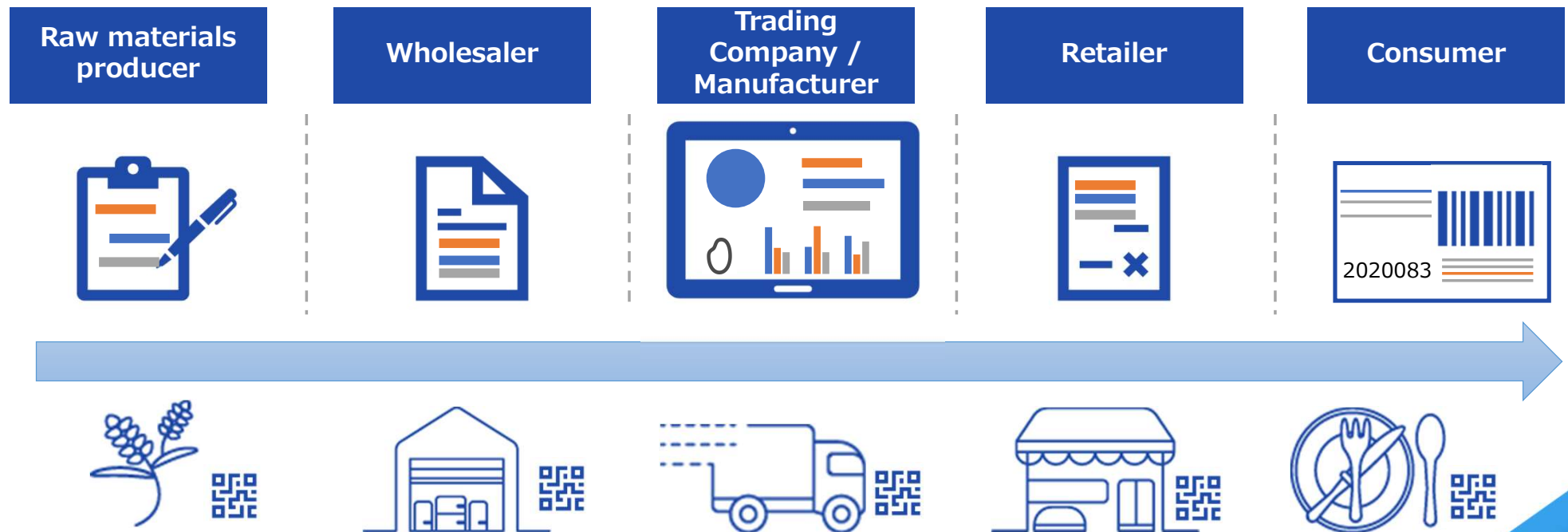
## Examples of TaaS uses



## Utilization of TaaS system supply chain

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By using TaaS, we can improve the efficiency of operations in the supply chain and eliminate the manual work. Data previously recorded and managed in different ways for each organization can be managed in an integrated manner, and tasks that occur in the course of business, such as confirming deliveries, creating delivery notes, and keeping management records, are automatically generated, making it possible to clarify the necessary tasks and prepare for them in advance.





# Automating audits through **TaaS**

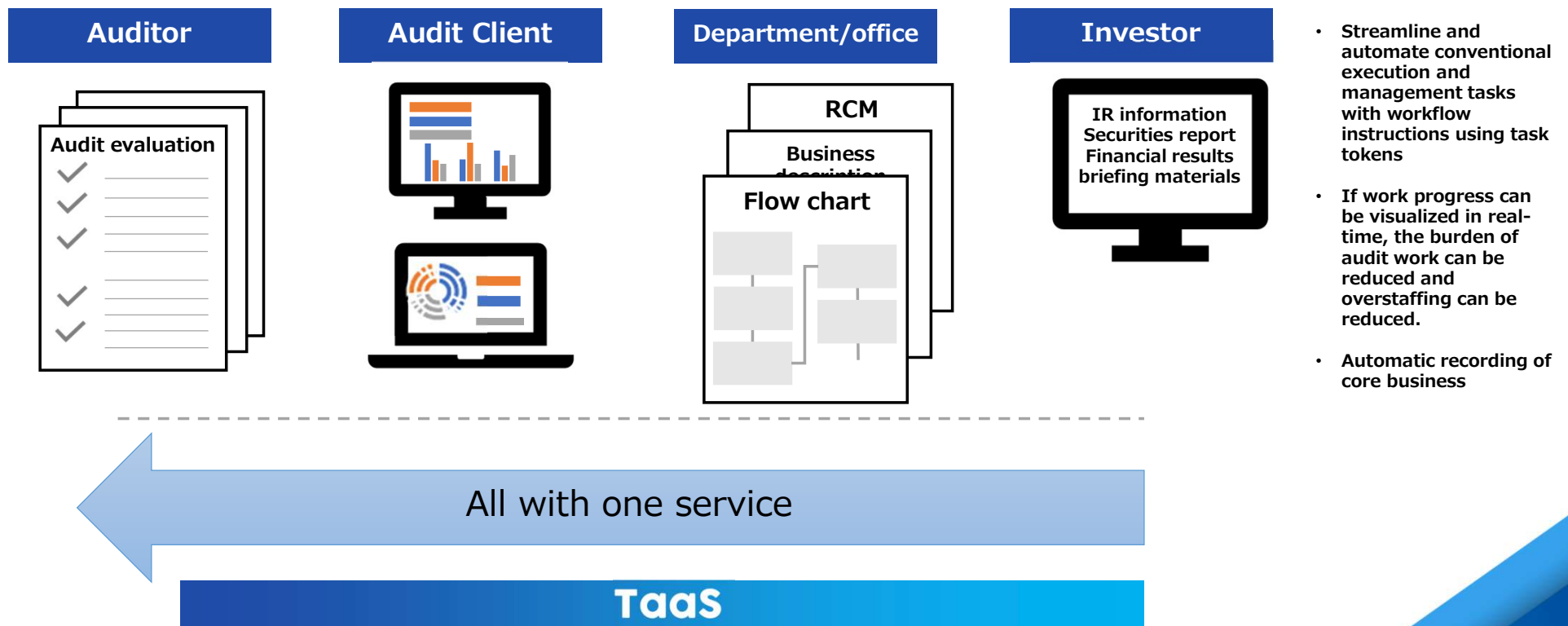
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## Improving the Efficiency of Internal Control Audits with Task Tokens

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By utilizing task tokens, **administrative tasks can be streamlined and automated through workflow instructions**. In addition, the ability to **visualize the progress of operations in real-time will reduce the daily burden of audit work\*** and reduce the need for personnel to be transferred to the company. The new recording, sharing, and management platform can provide a three-point set of internal controls and automatic recording of core business operations of the company requesting the audit, as well as **correct internal IT operations and management**.



# Audit work automation illustration

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Streamline and automate conventional execution and management tasks with workflow instructions using task tokens

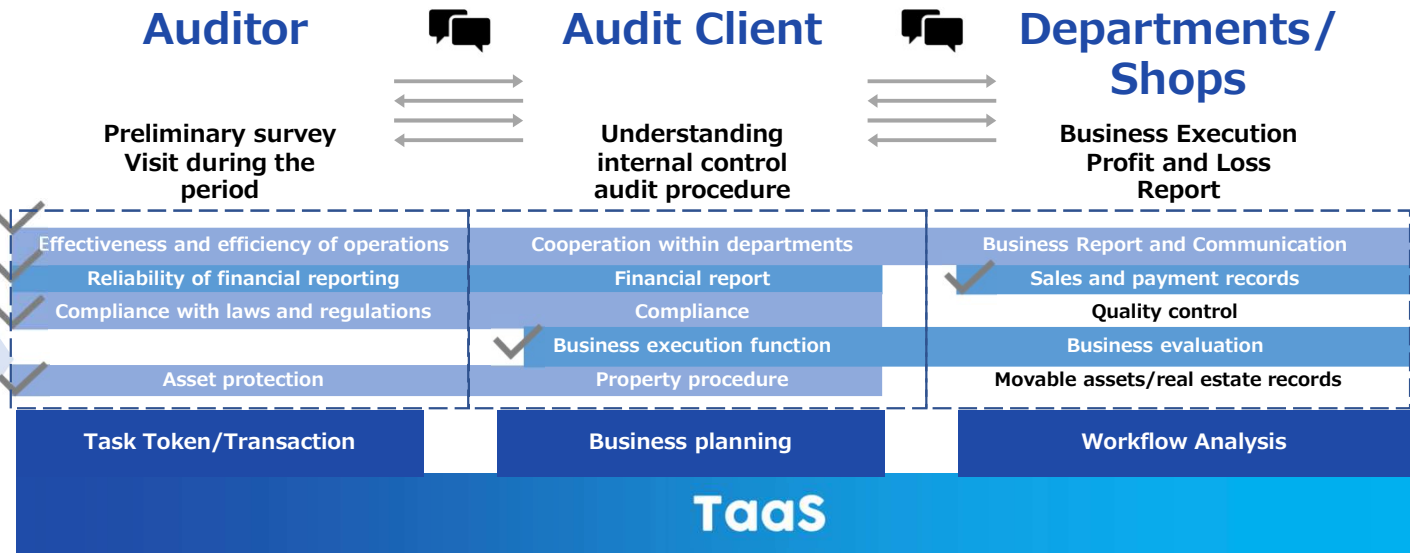
• If work progress can be visualized in real-time, the burden of audit work can be reduced and overstaffing can be reduced.

• Automatic recording of core business



## Basic elements of internal control

- ✓ • Control environment
- ✓ • Risk assessment and response
- ✓ • Control activities
- ✓ • Information and communication
- ✓ • Monitoring
- ✓ • Support for IT (information technology)

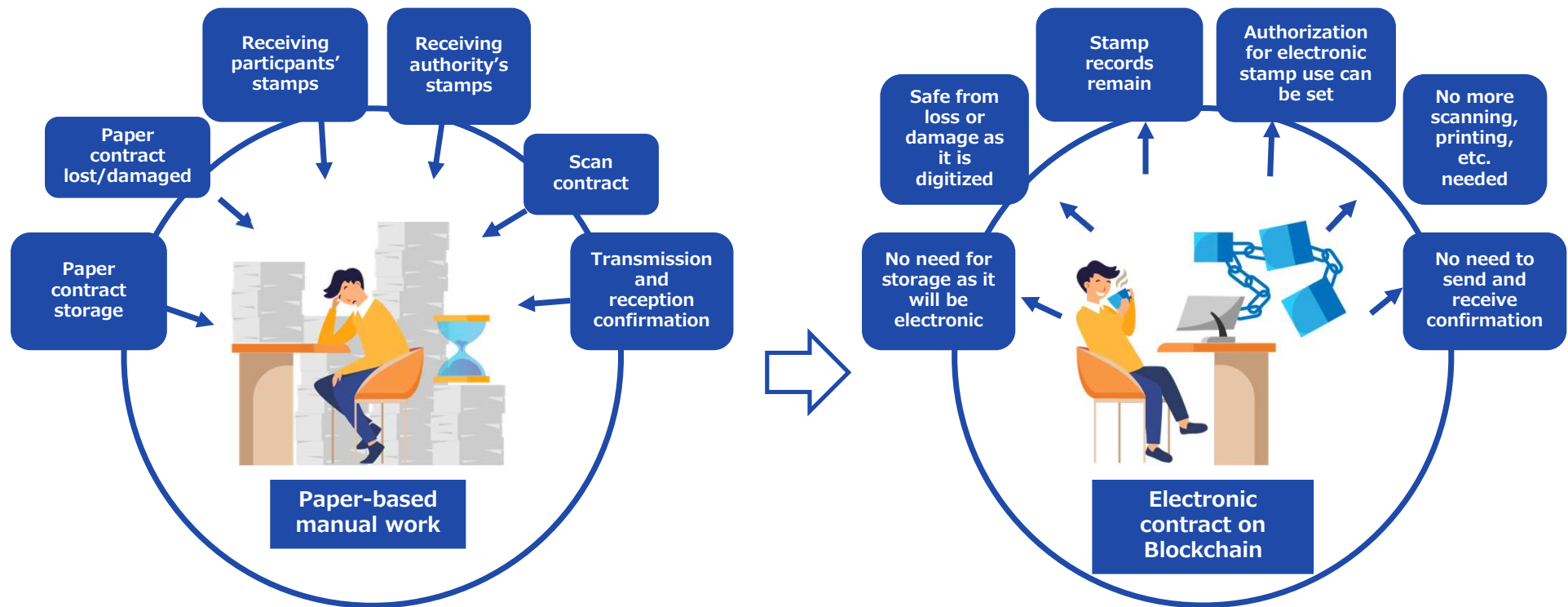


Providing solutions to streamline and automate audit and management operations using blockchain

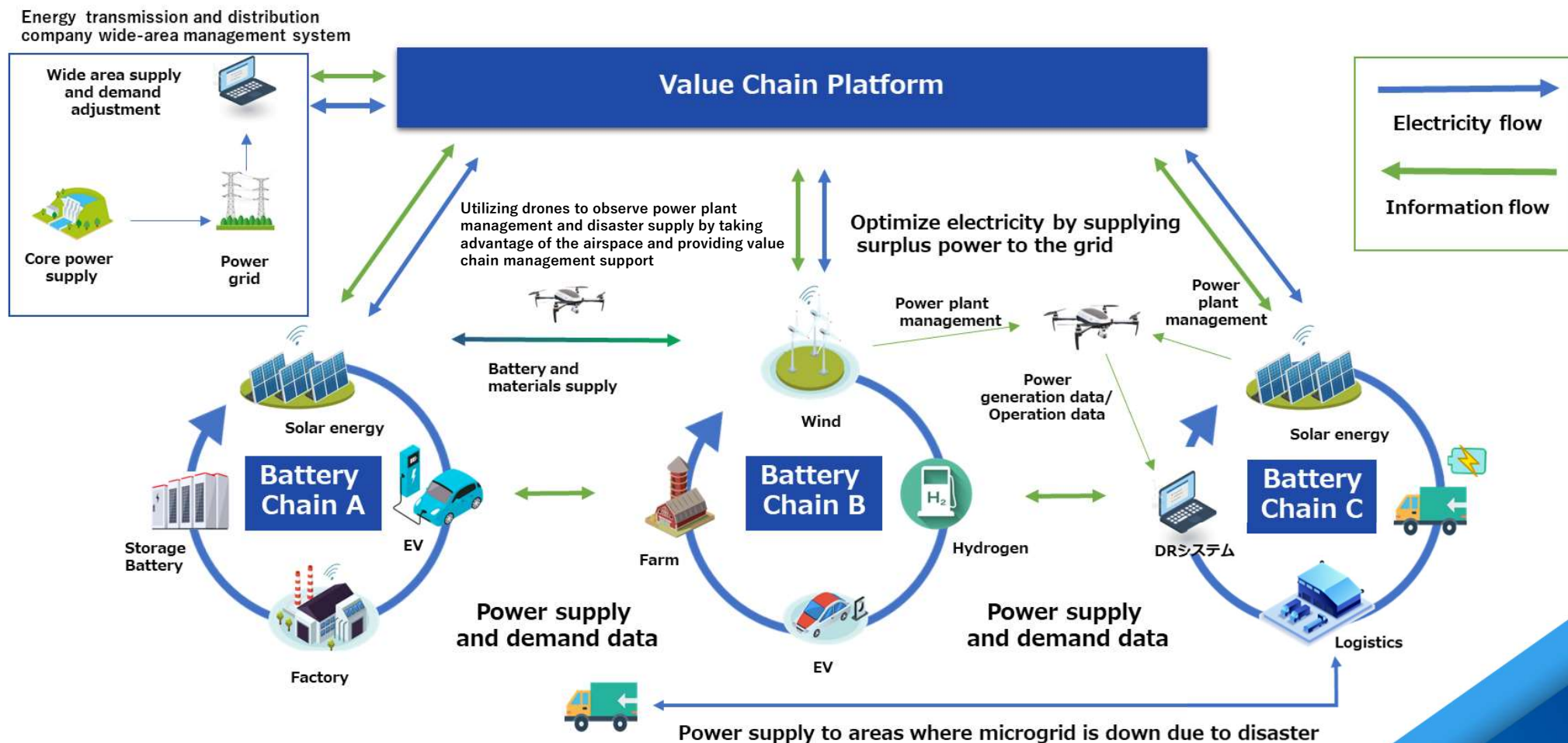
# Other solutions

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Due to the pandemic, workers need to move from working remotely with paper-based contracts, which take more time and procedures, to creating contracts electronically on a secure, blockchain-protected server, which increases efficiency, reliability and availability.





# EV Matching Service Business

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## EV Charging Location Verification System

- Centralized management of power plants, charging stations and customer information
- Expected charging time based on remaining battery level

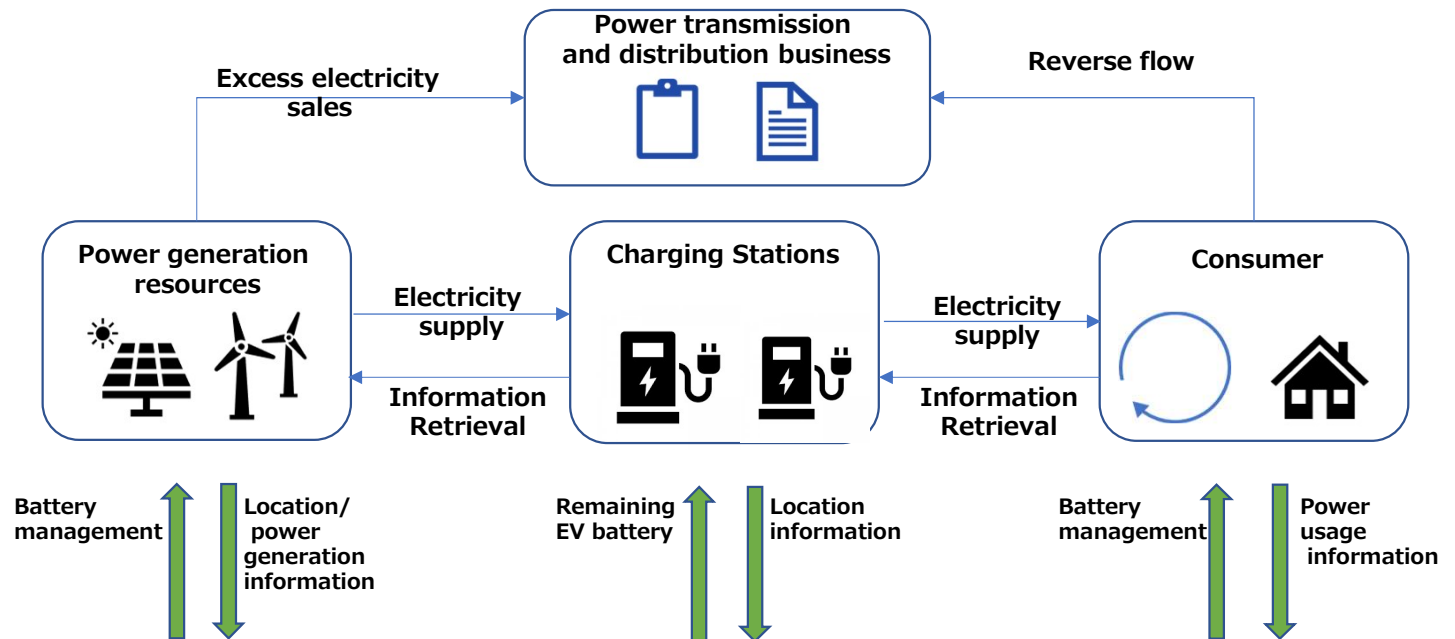


- EV charging stations
- Sightseeing
- Information, etc.

Data Representation

## EMS System

- Automatically adjusts supply/demand according to remaining battery level and power supply/demand balance.
- Efficient allocation of EVs in conjunction with grid-side systems



Mobility / forecasting system for power demand

## We also offer DX seminars!

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### ~ Innovation ideas from CTIA ~

Study groups and  
seminars (3 months)



Workshops(2 months)



Ideathons + Roundtables (1 month)



The goal of our program is not just to provide you with a basic knowledge of **DX and Blockchain**, but also to help you learn how to apply this knowledge to your next business.

Our goal is to find out how to connect that knowledge to the next business.

**“Pointing your ideas to the future!”**

You will not only acquire knowledge, but also the ability to think of new ideas, the ability to react quickly, and the ability to see how to make use of that knowledge.

This is the kind of program formation we focus on.

By joining the program, you will acquire skills that can be used to improve the efficiency of current business operations and form new business models.

# In-house Business Training Program: Outline of 6-month plan

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## Study groups and seminars (3 months)

### Details

#### ■ Blockchain Basics

You will learn the basics of BC: how it works, its history and origins, and the state of the world, so that you can consolidate your knowledge.

#### ■ DX Basics

You will learn the basics of digital transformation, AI and IOT.

#### ■ Application knowledge of Blockchain, DX

Based on actual examples, you will understand how these technologies are used globally.

## Workshops(2 months)

### Details

#### ■ Workshop Active Learning

Participants will come up with solutions to issues and goals, and by discussing them, they will be able to come up with appropriate measures.

#### ■ Practical experience

We will extract business schemes from other companies and discuss with the people in charge of those companies about how to apply BC and DX, so that they can incorporate the systems into their various businesses.

## Ideathons + Roundtables (1 month)

### Details

#### ■ Joint Business Proposal with CTIA

We will discuss what can be replaced by BC and what can be connected to a new business in your company. We'll discuss how our solutions can help you create new value and improve your operational efficiency.

#### ■ Planned Roundtable with Blockchain Association Singapore (for Singapore-based sessions)











We are planning a round table and ideathon with Blockchain Association Singapore to which our members belong. Since there are connections between various major and local companies in Singapore, we can expect to discover new business ideas.

As we proceed with the seminar study session, participants will have questions and opinions. We may add content and programs based on various input.

# Centrality DApps

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They can be installed alone or customized / combined.

	<b>SingleSource</b>	<b>KYC</b>	<ul style="list-style-type: none"> <li>KYC, AML, Credit scoring</li> </ul>
	<b>Centrapay</b>	<b>Settlement</b>	<ul style="list-style-type: none"> <li>Personal remittance</li> <li>QR store settlement</li> </ul>
	<b>Trackback</b>	<b>Traceability</b>	<ul style="list-style-type: none"> <li>Production to sales tracking,</li> <li>Proof of authenticity</li> </ul>
	<b>Sylo</b>	<b>SNS</b>	<ul style="list-style-type: none"> <li>P2P Messaging / calling</li> </ul>
	<b>Causality</b>	<b>Data Analysis</b>	<ul style="list-style-type: none"> <li>Blockchain data analysis</li> </ul>
	<b>CoverUS</b>	<b>Medical insurance</b>	<ul style="list-style-type: none"> <li>Medical data collection, suggestions and rewards</li> </ul>
	<b>Performance Lab</b>	<b>Health Care</b>	<ul style="list-style-type: none"> <li>Wearable-linked coaching</li> </ul>
	<b>iomob</b>	<b>Mobility</b>	<ul style="list-style-type: none"> <li>Integrated mobility servicePF*1</li> </ul>
	<b>insite</b>	<b>Retail management</b>	<ul style="list-style-type: none"> <li>Supply chain optimization AI</li> </ul>
	<b>Yabble</b>	<b>Market Research</b>	<ul style="list-style-type: none"> <li>Collecting customer "voices" and strengthening relationships</li> </ul>

	<b>NIGHBERHOOD</b>	<b>Real estate transactions</b>	<ul style="list-style-type: none"> <li>Real estate buying and selling optimization</li> </ul>
	<b>Token Generator</b>	<b>Financing</b>	<ul style="list-style-type: none"> <li>Fair, transparent token financing</li> </ul>
	<b>ilumony</b>	<b>Asset management</b>	<ul style="list-style-type: none"> <li>Cryptocurrency / stock investment PF*1</li> </ul>
	<b>CITY ON</b>	<b>Travel / Sightseeing</b>	<ul style="list-style-type: none"> <li>Various travel check-ins, payments</li> </ul>
	<b>mainstage</b>	<b>Ticket management</b>	<ul style="list-style-type: none"> <li>Sales / management, prevention of unauthorized resales</li> </ul>
	<b>Cinema Logic</b>	<b>Movie distribution</b>	<ul style="list-style-type: none"> <li>B2B Contract management, distribution optimization</li> </ul>
	<b>Belong</b>	<b>Welfare</b>	<ul style="list-style-type: none"> <li>Welfare management and employee compensation</li> </ul>
	<b>Paycheck</b>	<b>Accounting</b>	<ul style="list-style-type: none"> <li>Digital currency payroll</li> </ul>
	<b>AiDER</b>	<b>Business management</b>	<ul style="list-style-type: none"> <li>Small / Medium / Store Siri, Management</li> </ul>
	<b>Sentro</b>	<b>Business management</b>	<ul style="list-style-type: none"> <li>Chat, contract management, P2P remittance</li> </ul>



**Tezuka Mitsuru**

CEO CHIEF EXECUTIVE OFFICER

He founded CTIA in 2017 in Switzerland and Japan. He provides incubation, acceleration, and consulting services for blockchain fintech companies.

In particular, he works to clarify interrelations and due diligence within the token economy. He has worked on various projects abroad to expand acceptance and public awareness of cutting-edge technologies.

His current focus is on promoting blockchain within existing business structures as well as promoting the acceptance of this important development in public agencies and businesses. Under his leadership, CTIA is developing Traceability as a Service (TaaS), a new information sharing system using DLT (distributed ledger technology).



**Chia Hock Lai**

CTIA SG CEO SINGAPORE CHIEF EXECUTIVE OFFICER

He is the Chief Executive Officer of Switchnovate, a fintech consultancy providing blockchain financial solutions, and has nearly 20 years of experience in the financial and IT industries. He previously worked for the Government Technology Agency of Singapore (GovTech) and NTUC Income, among others. He is a graduate of the National University of Singapore (NUS) and Nanyang Technological University (NTU).

As the Founder of the Singapore Fintech Association (SFA) and Chair of the Singapore Blockchain Association, he is a frequent speaker at international events and universities on topics related to fintech and blockchain.



**Aaron McDonald**

CO-FOUNDER, CENTRALITY, NEW ZEALAND

With 20 years of experience in the tech industry, he founded Centrality in 2016. Centrality is a blockchain venture studio and has built its own P2P marketplace, with currently a portfolio of over 20 decentralized apps on the platform. He is committed to creating independent functionality and value for each app while partnering with innovators in key industries.

A blockchain-enabled P2P infrastructure enables consumer daily task and experience management environments. In 2018, he won the EY Entrepreneur of the Year in the Technology and Emerging Industry category and in 2019, he was selected as one of the top 50 technology leaders of CIO50 by IDG. As an expert on "the future of the decentralized ecosystem", he has given many lectures at international events.

# Thank You!

**For inquiries, please contact**

 [support@ctia.ltd](mailto:support@ctia.ltd)

 <https://ctia.ltd>

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