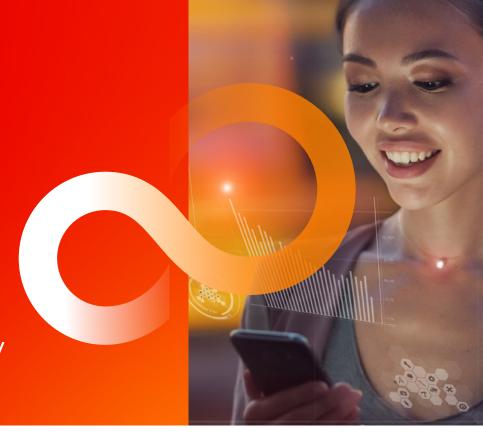# FUJITSU

Trust and traceability

Creating a trusted environment for automation efficiency

Challenge

A secure, trusted and connected business ecosystem offers a multitude of benefits. Even more so in the face of an unpredictable global economy and often brittle supply chains.

Agreement is essential across supply chains, but even where there is agreement, friction can appear,delays can there is adreement, friction can are exposed.

For centuries, a handshake has been one widely used way to form the basis of business trust at each point of a supply chain. But, in today's hyperconnected global marketplace, supply chains contain multiple stakeholders, changing variables and multi-dimensional, complex processes and systems that often lack harmonization and integration possibilities.

Maintaining business trust across parties creates intricate connections and relationships. Trust is often difficult to achive.

To tackle these challenges head on, Fujitsu recognize the need to improve the efficiency of our customers' supply chains through increased trust and traceability. There is a need to create a secure, trusted environment to generate partner coordination as the basis for process automation and data analytics to increase revenue and operational efficiency, while reducing risk and costs.

Solution

Fujitsu, through its trust and traceability software and platform services, deploys blockchain and automation to provide a clear, comprehensive end-to-end record of upstream and downstream supply chain and product lifecycle information.

Employing blockchain as the system for recording transactions of assets in multiple places simultaneously, means everyone sees the same data at the same time. Data can therefore never be modified or deleted, only added, creating a tamper-proof historical record. This generates trust between parties in untrusted environments, which enables customers to automatically execute actions when predetermined terms and conditions have been met, creating significant efficiencies through automation.

In the case of the Rice Exchange, a global rice trading platform, this resulted in more than 20% savings for stakeholders and 90% savings in the time it takes for transactions to be completed.

Benefits

Deployment of blockchain has enabled customers to leverage process automation and achieve:

- Increased revenue through ethical brand differentiation and trusted evidence of corporate social responsibility impacts
- Reduced costs by automating unnecessary third parties and administration such as payments and invoicing
- Increased operational efficiency through greater supply chain visibility, enabling trusted and reliable forecasting
- Regulation compliance by providing irrefutable evidence of product authenticity and reduced environmental impact
- Reduced risk to customers, brand reputation and revenue loss as a result of product safety or quality issues.

Reduce impacts of product safety and quality issues

By deploying a blockchain solution, companies are able to accurately identify the status and location of any unsafe products or materials for rapid inspect or recall, whilst providing notification to their customer to mitigate risk. informed notification to their customer to mitigate risk.

Demonstrate regulatory compliance and transparent working practices

Closely track materials and products throughout the supply chain to be certain of origin, authenticity and production process; eliminating the risk of unethical practices and counterfeit goods.

Brand differentiation through greater transparency

Blockchain delivers the trusted data required to meet growing ethical and local sourcing and environmental sustainability consumer concerns.

Increase supply chain and operational efficiency

Enable companies to truly implement just-in-time production and inventory management with greater visibility of the status and location of products and materials, **supported by trusted and efficient invoicing** and administration.

Please contact your local Fujitsu representative for more details