

SUPPLY CHAIN, LOGISTICS AND BLOCKCHAIN

By: Vinita Rathi

 **STUDIO FINTECH**
BY SYSTANGO

ABOUT ME



VINITA RATHI
(FOUNDER & CEO)

CEO and Founder, Systango & Ex VP, Goldman Sachs UK with 13+ yrs of experience in Finance and Agency space. At Goldman, helped build sales and trading technology across different instruments.

Left to build a software development agency, Systango and it's extended arm, Studio Fintech.

Founder of WomenHackForNonProfits and Women Who Code London Chapter.

AGENDA

1 ▶ The Technology And Its True Capabilities.

2 ▶ The Problem.

3 ▶ Optimal Task-technology-fit.

4 ▶ Finished/WIP Solutions.

The Bitcoin Blockchain is the first implementation of the Blockchain principles and only supports simple transactions. It also shows how reliable Blockchain is, as it has run error-free since January 2009 and has a current market capitalization of over 35 bn. Euro.



THE KEY ATTRIBUTES OF BLOCKCHAIN

Decentralization

Immutability

Traceability

WHAT IS THE PROBLEM?





Until now, it has been difficult to gather accurate data about the state and integrity of materials and products along the whole supply chain. Even where data is available, it is challenging to collect it, aggregate it, disseminate it and, above all, ensure its accuracy and integrity.

T3A IS WHAT I CALL IT.

Tracking

Tracing

Transparency

Accuracy

**Ability To
Identify
Counterfeit
Products**

**Tracking
Origin**

**Reduce Errors,
Redundancy
And Improve
Processes**

Source and Fair Wage Transparency and Accuracy.

Bext360, Coffee Beans

The screenshot shows the Bext360 website landing page. At the top, the Bext360 logo is on the left, and navigation links for HOME, PRESS, ABOUT US, CONTACT, and BEXT NEWSROOM are on the right. The main heading reads "Transparency that's good for everyone." with a "REQUEST A DEMO" button below it. The background is a photograph of coffee beans in a field. Below the heading, there are three columns of text:

- Technology to track supply chains from quality and efficiency.**
- Bext360 provides comprehensive and measurable accountability for critical supply chains.** The Bext360 platform provides unparalleled blockchain traceability and granular measurements for sustainability.
- Bext360 focuses on supply chains such as coffee, seafood, timber, minerals, cotton and palm oil to provide a traceable footprint from producer to consumer.**

Below the text, there is a question: "After all, how can you prove sustainability without transparency?"

At the bottom, there are four feature cards:

- Software as a Service**: Accompanied by an image of a circuit board.
- Traceable & Authentic**: Data is collected at every stage of the supply chain and stored immutably on the blockchain to record who, what, when, where, and how for sustainability measurement. Accompanied by an image of coffee beans.
- Quality Elevated**: Accompanied by an image of coffee beans.
- Tokenized Assets**: Increasing in value as they move through the supply chain, digital tokens are used for digital payments, smart contracts, financing and more. Accompanied by an image of coffee beans.

Walmart & Alibaba

Product Recall
and Source
Traceability and
Transparency.



**WHAT WE ARE
CURRENTLY
WORKING ON**



IQG - INTELLIGENT SHIPPING MVP

**Hardware (RFID chips)
and software
(blockchain) to build
and track shipping
assignments.**



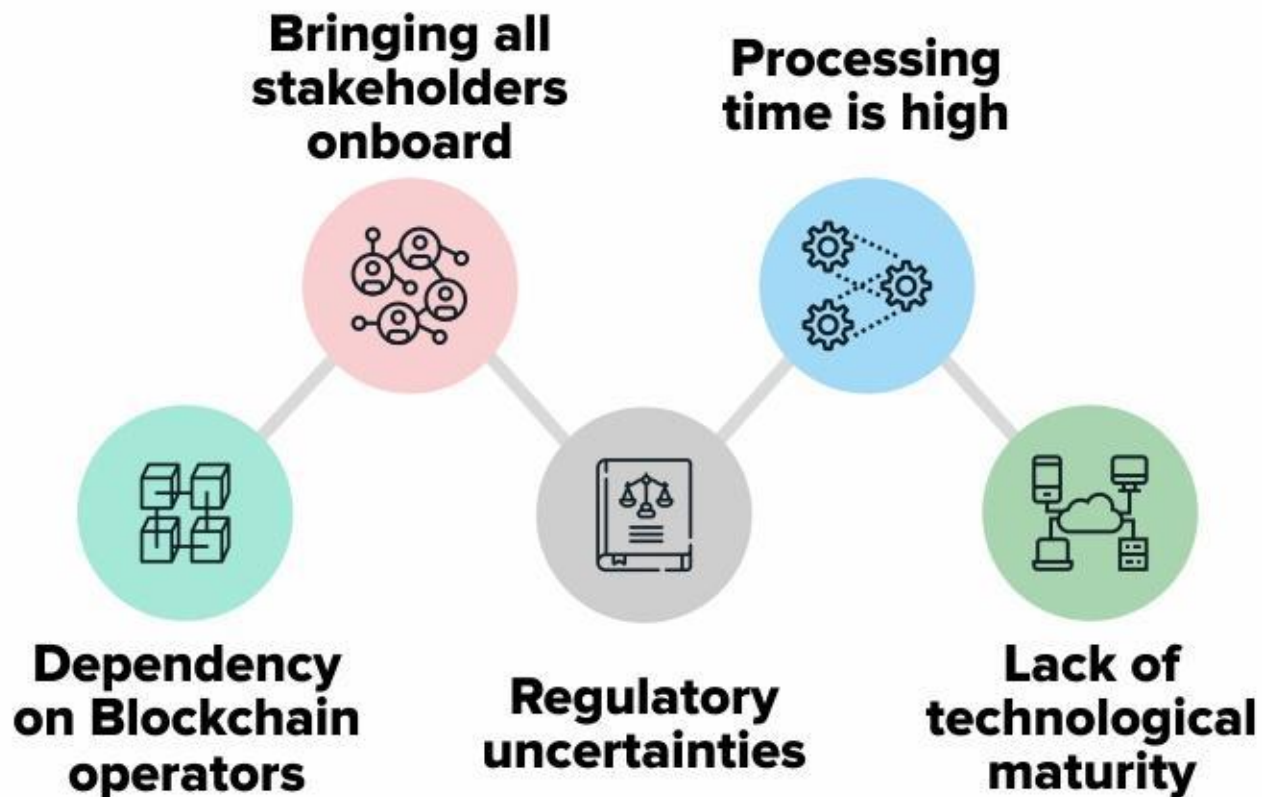
IQGLOBAL MVP

The four main components of the platform include:



CHALLENGES IN MOVING TO A BLOCKCHAIN ENABLED LOGISTICS INFRASTRUCTURE





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⇒ **It is hard to derive meaningful insights especially due to the high number of early stage projects and the low number of finished projects.**

⇒ **Technology should be chosen for its cost effective and efficient features that contributes to the solution of a problem.**

⇒ **Sounds promising but yet to be seen.**

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- **A digital agency headquartered in London with offices in the US & Australia.**
- **Specialities : Mobile Apps, Web Apps, IoT Products and AR/VR.**
- **A clientele made up of Fortune 500 companies as well as Technology Startups.**
- **Our products have been covered in worldwide publications (TechCrunch, Mashable, Wired).**
- **Total Users served across all products : 40 Million.**
- **Combined valuation of clients partners : 8 Billion.**

STUDIO FINTECH BY SYSTANGO

- **A specialised Fintech arm of Systango.**
- **We power product teams of several Startups, Enterprises in FinTech, Banks and Hedge Funds with our technology resources.**
- **We help unlock the next stage of digitalization for traditional businesses by integrating blockchain workflows in parallel to existing enterprise system.**
- **Specialities : Blockchain, P2P/Crowdsource Lending Softwares and Trading Platforms.**

How can we Help?



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