



**Blockchain-based trading system helped improve 46% supply chain visibility and reduced transaction costs by 24%**

COUNTRY  
Dubai

INDUSTRY  
Trade



About Client



Business Requirement



Our Solution



Tools & Technologies



Business Outcome





## About Client

A technology service provider offering blockchain, artificial intelligence, machine learning, robotics, IoT, and AR/VR solutions across healthcare, retail, logistics, banking and more.



## Business Requirement

- Use blockchain to end dependency on electronic data interchanges or other outdated technologies
- Get rid of missing sales opportunities and reduce overhead costs for B2B vendors
- Overcome the below-mentioned challenges that were faced in conventional B2B trading:
  - » Lack of trust, consistency, and transparency
  - » Difficulty in validating the trustworthiness of counterparties
  - » Fabricated reviews
  - » Loss of actual and potential revenues
  - » Lengthy and expensive dispute resolution
  - » Inefficient domestic and cross-border transactions





## Our Solution

Developed Blockchain-based solution that allowed verified yet anonymous trading of various products across the globe by various players (distributors, traders, and resellers) with banks and insurance to hedge the risks.

Decentralized escrow systems and smart contracts allow trustless transactions among the business community in the virtual space.

A decentralized trading platform was designed to incorporate many modules:

- 3rd party API Integrations: For KYC/AML verification, Bank, Insurance, Credit Insurance, a seller/buyer ERP, and Logistics company
- Banking & Credit Insurance: Tokenize your financial guarantees for credit trading
- Third-party Invoicing: Confidential Trading supported by blockchain

- Conflict Management: Module for rejection cases such as Non-conformity, Damaged goods, or Delay in the order shipment
- Escrow Payment: Execute safe transactions protected by a decentralized escrow
- Reputation Management: Verified reviews based on previous deals and success rating
- Logistics Management: Avail logistics services (inspection, shipping, escrow of goods)
- Tokenization: Trade with stable cryptocurrency







## Tools & Technologies





## Business Outcome



Reduced transaction costs by **24%**



Significant drop in the overall transaction time



Enhanced verification process reduced risks of fraud or theft



Advanced security assurance



Improved supply chain visibility by **46%**



Modernized multi-party purchasing and payment process



Proof of product authenticity – verified by legitimate members on the Blockchain



Established in 2000, Cygnets Infotech works with clients across 35 countries and has a strong team of over 1000 employees. Cygnets Infotech's offerings range from IT Services, Technology Products, and Tax Technology solutions. Aligned with its vision of providing technology enabled business solutions, Cygnets Infotech delivers end-to-end solutions for clients' most pressing business needs.

Cygnets Infotech's Technology Services enables clients to accelerate growth and optimize business operations through, Product Engineering, Bespoke Solutions, IT Modernization, Automation, Implementation Services, Risk Mitigation Services, Information Security & Compliance Services, and IT Staff Augmentation.



Cygnets DES is a partner to clients in the competitive market space and deploys a consultative and customer-centric approach. Its solutions range from standalone bespoke development and managed services to building connected ecosystems across the enterprise and developing smart systems by leveraging emerging technologies like AI, Blockchain, and Hyperautomation.

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