# Blockchain for Bunkering Industry

Technology Overview

Traditional bunkering documents and contracts are still done manually using hardcopies. With the high volume of bunker sales, it has become imperative to speed up the process of submitting and sharing documents. Doing so would enable greater efficiency throughout the bunkering process. In addition, there is a need to establish and build trust between the different parties involved in the transaction process such as the bunkering company, client and regulatory authority. A trust-based IT system would support this objective and help to reduce cost, increase the profit margin and improve transparency standards within the industry.

Our solution was developed to create immutable bunkering transaction records using blockchain technology. A smart contract is deployed in a production-like environment and is integrated to a client web-based application. This is to provide users with an interface to interact with the deployed smart contract for the purpose of creating and retrieving immutable transaction records

Features & Specifications

- Deployable in Ethereum Mainnet
- Web-based client application
- User-friendly interface that can be integrated with existing website
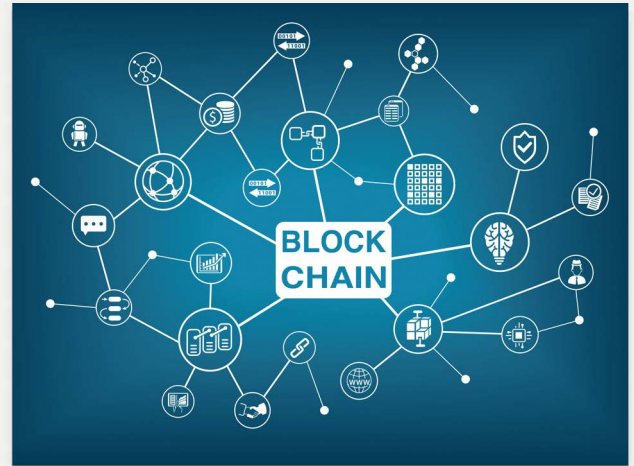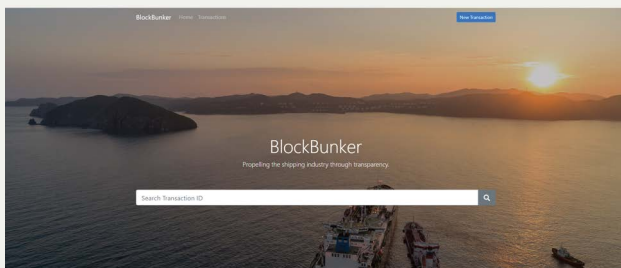
Customer Benefits

- Blockchain cultivates trust within business processes and with partners
- Greater transparency and traceability
- Increased efficiency and speed of transactions

Potential Applications

A blockchain with immutable records, decentralisation, and consensus algorithms, implements a trust mechanism across computational environments. Any industry with a high focus on ensuring trust will benefit from using blockchain. Blockchain helps to simplify and digitalise the trust mechanism.

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