# SEALCOIN

## Overview

SEALCOIN is a decentralized platform built to revolutionize Transactional-IoT (t-IoT) by enabling secure, autonomous, and real-time transaction between IoT devices. Powered by Hedera Hashgraph, SEALCOIN combines cutting-edge blockchain technology with IoT infrastructure to facilitate service-for-payment exchanges without intermediaries.

## Mission

SEALCOIN's mission is to enable real-time transactions and monetization of services and data between IoT devices. Using DLT technology and the SEALCOIN's TIOT token, the platform empowers devices across industries to autonomously interact, trade, and earn value, removing the need for intermediaries while enhancing efficiency, security, and scalability within the IoT ecosystem.

## How it works

Each device registers on the SEALCOIN platform, where it is assigned a unique digital ID and secure access through encrypted authentication—establishing clear ownership rights for the device owner. Once onboarded, devices can autonomously buy, sell, or trade data and services with other connected devices, creating new opportunities for data monetization and service exchanges without intermediaries. All interactions are secured on DLT Network, ensuring transparency, integrity, and compliance while supporting the scalability of a truly decentralized IoT ecosystem.
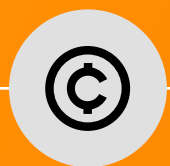
**Now**
FINMA Application & Withepaper

**Q1 2025**
MVP Platform Beta Version

**Summer 2025**
Platform Release Sealcoin token Issuance (TGE)

**Q3 2025**
TIOT Listing on Tier1 Regulated Crypto Exchange

**TIOT Token**
Utility and Payment Token
Name: TIOT
Fixed token supply with built-in deflationary and rewards mechanism

SEALCOIN
Built on Hedera

## Autonomous Transactions

IoT devices can autonomously execute service-for-payment transactions using SEALCOIN tokens (TIOT) as settlement layer.

## Tokenomics

The SEALCOIN token (TIOT) acts as both a utility token for accessing services within the ecosystem and a payment token for conducting device-to-device transactions.

**SEALCOIN Transactional IoT to the video PoC**



# Use Case Examples

## Energy Trading

SEALCOIN enables smart meters and other IoT devices to autonomously buy and sell energy in real time, providing a decentralized marketplace for energy trading, supporting renewable energy and grid flexibility.

## Data Exchange

IoT devices can securely buy and sell data (e.g., environmental or industrial metrics) using SEALCOIN tokens. The platform enables a decentralized marketplace (Oracle) where data is exchanged seamlessly and securely.

## Data Oracle

SEALCOIN enables safe, secure data sharing between data owners and data platforms, allowing IoT devices to access and validate real-time data from multiple sources. This empowers devices to autonomously source verified information (such as weather or industrial metrics) and make data-driven decisions while ensuring data integrity. By facilitating trusted data exchanges, SEALCOIN supports diverse applications in smart cities, predictive maintenance, and beyond.

info@sealcoin.ai

www.sealcoin.ai

**SEALCOIN**
Built on Hedera