The background features a cluster of numerous 3D cubes of varying sizes, primarily in shades of pink and purple, scattered across the left side of the frame. They appear to be floating in a dark space.

BLOCKCHAIN FOR GLOBAL TRADE

TEAM-BLOCK PARTY

GLOBAL TRADE - CURRENT PROCESS



BUSINESS VALUE WITH BLOCKCHAIN

- **Streamlined Transactions:** Blockchain's smart contracts automatically execute trade agreements when conditions are met, cutting down processing from weeks to mere hours.
- **Reduced Costs:** By removing the need for banks and administrative intermediaries, blockchain significantly lowers transaction fees and associated operational expenses.
- **Enhanced Trust and Transparency:** Every transaction is recorded on a tamper-proof ledger, visible to all parties, which enhances trust and simplifies dispute resolution.
- **Improved Security:** Utilizes strong encryption and decentralized data storage to prevent fraud and unauthorized data manipulation.
- **Increased Revenue:** Faster transaction validation and reduced delays mean businesses can increase transaction volumes and accelerate revenue cycles.

MARKET OPPORTUNITY

INDUSTRY OVERVIEW AND SIZE:

- The global trade market, pivotal to international economies, is valued at over \$18 trillion as of 2023, showing the immense scale of this sector.
- Blockchain's ability to reduce transaction times could save the industry billions annually, underscoring its significant adoption potential.

POTENTIAL CUSTOMER:

1. Manufacturers and Exporters:

Use case: A German pharmaceutical firm streamlined global vaccine shipments, meeting stringent regulatory standards efficiently.

2. Importers and Retail Chains:

Use Case: A U.S. fashion retailer optimized textile imports with real-time tracking, significantly enhancing supply chain efficiency.

3. Logistics Providers:

Use Case: A South Korean electronics manufacturer improved export processes to Europe and North America, enhancing operational efficiency and customer satisfaction.

COMMUNITY ENGAGEMENT



BUSINESS STRATEGY

Stakeholders involved

- Manufacturers and Exporters
- Importers and Retailers
- Logistic Providers
- Financial Institutions
- Customs and Regulatory Bodies

Services:

- Logistics Optimization Platform For Manufacturers
- Automated Compliance and Payment System for Exporters
- Realtime Monitoring System for Logistics Providers

STRATEGIC INITIATIVES:

- **Adaptive organizational culture:** Training stakeholders within organisation with the new Blockchain technology
- **Real time market Analysis:** Dynamic and real time market research and product customization
- **Regulatory Compliance and Advocacy :** Integration of our product with the external stakeholders(Custom authorities, Banks) and standardize the overall Global trade process

SECURITY MEASURES

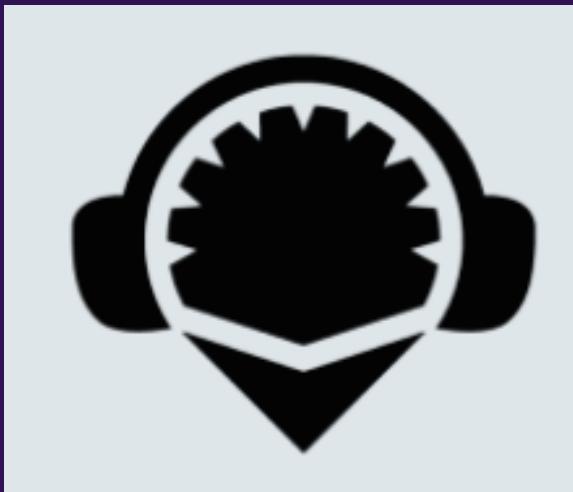
- **Data Encryption:** We employ advanced encryption techniques to safeguard user data both at rest and in transit, ensuring confidentiality and integrity.
- **Immutable Ledger:** Our blockchain ledger records transactions immutably, preventing tampering and providing a transparent and trustworthy record of all activities.
- **Access Controls:** Stringent access controls and authentication mechanisms restrict unauthorized access to sensitive information, enhancing overall platform security.
- **Real-Time Monitoring:** Continuous monitoring and anomaly detection enable us to promptly identify and mitigate security threats, ensuring a secure trading environment for all users.

TECHNOLOGY ECOSYSTEM

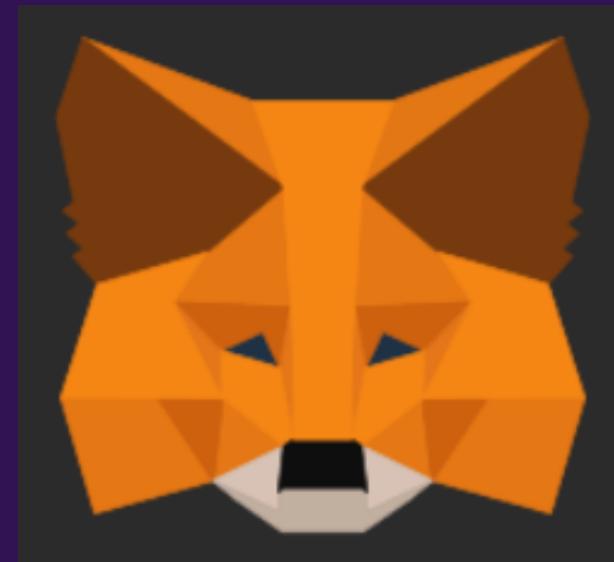
Blockchain Platform: Ethereum
Sepolia (TestNet)



Solidity IDE



CryptoCurrency Wallet
MetaMask



Landing Page: HTML, CSS JS

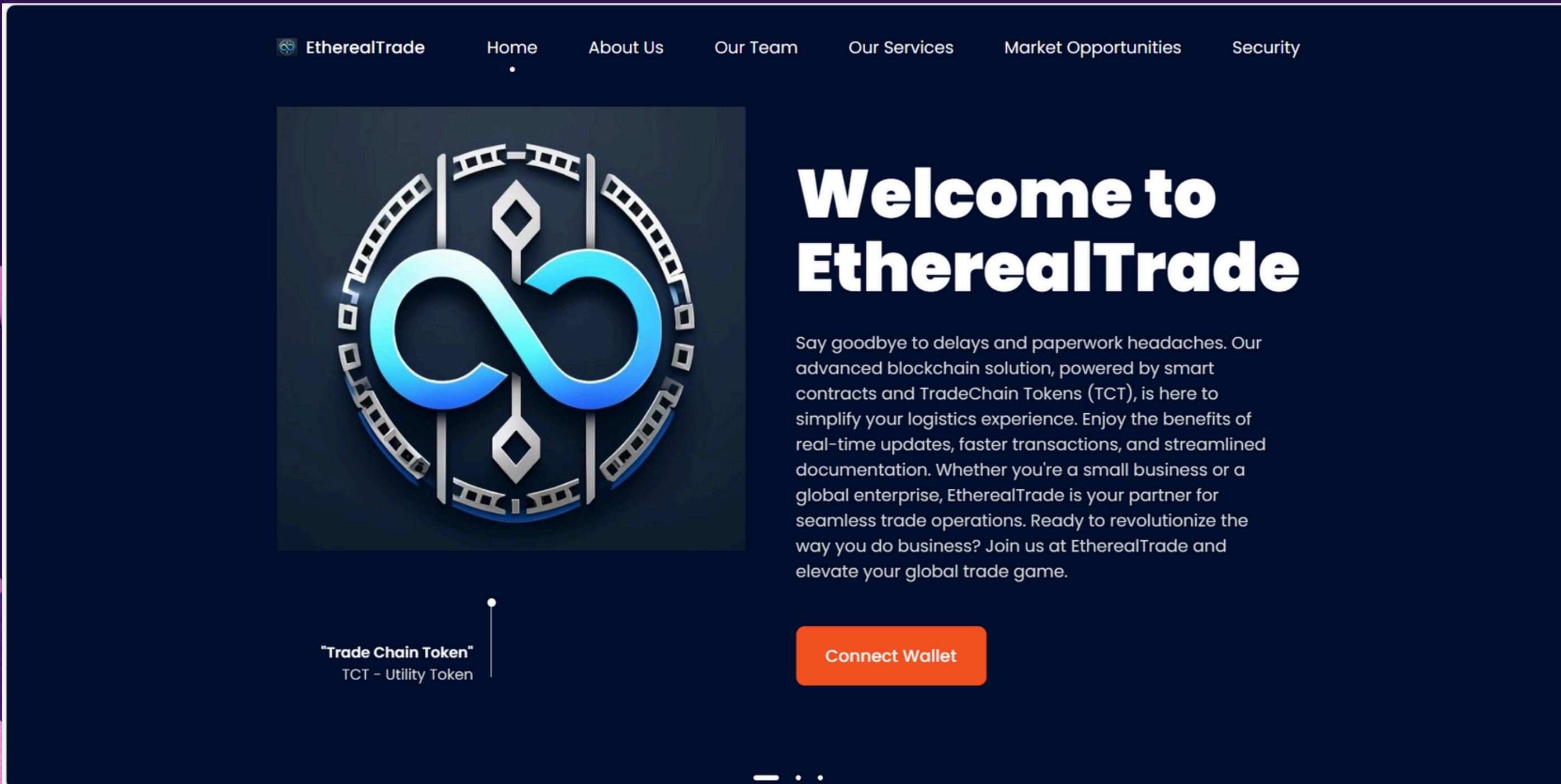


Etherscan



TECHNICAL IMPLEMENTATION

Landing Page.



The screenshot shows the homepage of the EtherealTrade website. At the top, there is a navigation bar with the logo "EtherealTrade" and links to "Home", "About Us", "Our Team", "Our Services", "Market Opportunities", and "Security". Below the navigation bar is a large graphic featuring a blue infinity symbol inside a circular track with film reels, set against a dark background. To the right of this graphic, the text "Welcome to EtherealTrade" is displayed in a large, bold, white font. Below this, a paragraph of text explains the service: "Say goodbye to delays and paperwork headaches. Our advanced blockchain solution, powered by smart contracts and TradeChain Tokens (TCT), is here to simplify your logistics experience. Enjoy the benefits of real-time updates, faster transactions, and streamlined documentation. Whether you're a small business or a global enterprise, EtherealTrade is your partner for seamless trade operations. Ready to revolutionize the way you do business? Join us at EtherealTrade and elevate your global trade game." At the bottom left, there is a callout for the "Trade Chain Token" (TCT - Utility Token). At the bottom right, there is a prominent orange button labeled "Connect Wallet".

EtherealTrade

Home About Us Our Team Our Services Market Opportunities Security

Welcome to EtherealTrade

Say goodbye to delays and paperwork headaches. Our advanced blockchain solution, powered by smart contracts and TradeChain Tokens (TCT), is here to simplify your logistics experience. Enjoy the benefits of real-time updates, faster transactions, and streamlined documentation. Whether you're a small business or a global enterprise, EtherealTrade is your partner for seamless trade operations. Ready to revolutionize the way you do business? Join us at EtherealTrade and elevate your global trade game.

"Trade Chain Token"
TCT - Utility Token

Connect Wallet

SCREEN TO BUY TOKENS & UPDATE

Shipment Current Status: None

Create Shipment:

0x802A91fa6C310333DF4

1

Create Shipment

Update Shipment Status:

029163

Pending

Update Status

TOKEN DEPLOYMENT

Overview Logs (1) State

[This is a Sepolia Testnet transaction only]

② Transaction Hash: [0xfb7c7dd502a2472d2a05bd907bcb5c673caf08bfbc0fe6c4177946a18b2da090](#)

② Status: Success

② Block: [5897061](#) [2 Block Confirmations](#)

② Timestamp: 24 secs ago (May-13-2024 09:57:12 PM +UTC)

⚡ Transaction Action: Call [0x60806040](#) Method by [0x78a58B68...05F0dd44D](#)

② From: [0x78a58B688AE5665B00ab2140Aa9109405F0dd44D](#)

② To: [\[0x49ba8889cf16892a9b1fb215382bd288f92cf7bf Created\]](#)

② Value: 0 ETH (\$0.00)

② Transaction Fee: 0.026822550429028224 ETH (\$0.00)

② Gas Price: 14.723701824 Gwei (0.000000014723701824 ETH)

TECHNICAL CHALLENGES

- The functionality of our system is sophisticated due to its ability to address multiple use cases, making the creation of the blockchain network expensive.

FUTURE SCOPE

- **SaaS Platform Development:** Launch a subscription-based software as a service (SaaS) platform.
Provide tools for creating, managing, and tracking export documents and transactions.
- **Government Collaboration:** Partner with governments worldwide to enhance the efficiency of customs and regulatory processes.
- **Global Expansion:** Target under-served markets with high potential for growth in international trade and customize solutions.

CONCLUSION

- **Transforming Trade Dynamics:** EtherealTrade is set to revolutionize global trade by eliminating traditional bottlenecks.
- **Empowering Businesses:** EtherealTrade empowers businesses to now expand their operations internationally with confidence.
- **Driving Economic Growth:** EtherealTrade not only boosts individual company performance but also contributes to broader economic growth and stability worldwide.

With EtherealTrade, international trade is simpler, faster, and more reliable, enabling businesses to transcend borders and transform how global trade is conducted.



THANK YOU

**SRINIDHI REDDY ELKICHERLA
NAVNEETH ORUGANTI
RAKSHANDA HEDAWOO
SRINIVAS CHINTALAPATI
ANUSHA ALIGETI
WESLEE HWANG**