

Hyperchains Launching at Web Summit 2024: The First Truly Practical Blockchain Solution for Enterprise



Sofia, Bulgaria, October 28, 2024 – Hyperchains, the highly-anticipated blockchain innovation, will debut at Web Summit 2024 in Lisbon. It aims to redefine blockchain adoption for businesses worldwide by offering the simplest and most customizable solution yet.

This advanced concept envisioned by blockchain pioneers has been in development over several years by the Aeternity Foundation and the core developers of the aeternity blockchain. Hyperchains represent a new phase in blockchain evolution. This innovation allows users and enterprises to effortlessly create their own private chains, with no code necessary, while leveraging the entire aeternity ecosystem's suite of tools, features, and advanced capabilities. With unparalleled simplicity and scalability, Hyperchains empower businesses to integrate secure, decentralized solutions tailored to their needs easily. This launch is a landmark for the aeternity ecosystem and aims to impact the entire blockchain landscape.

The Ultimate Blockchain Solution for Businesses

Hyperchains offer a unique hybrid consensus model that leverages both Proof of Stake (PoS) and Proof of Work (PoW) mechanisms to deliver a secure and scalable blockchain experience. By integrating Hyperchains, which leverage major blockchains like Bitcoin for unparalleled security, enterprises gain access to a highly customizable, stable infrastructure—ideal for industries that prioritize privacy and data integrity.

Hyperchains redefine how businesses approach blockchain adoption by eliminating the traditional barriers of complexity and technical expertise. One of the standout features of Hyperchains is its no-code deployment, which empowers enterprises to seamlessly launch and customize their own blockchain networks without needing deep technical knowledge or specialized hardware.

Key Benefits

1. Privacy and Security in Blockchain Transactions

Hyperchains utilize state channels and zero-knowledge proofs (ZKPs) to ensure that corporate payments and sensitive interactions remain private and secure. This addresses corporate concerns about transparency, allowing for private off-chain transactions while maintaining auditability.

2. ERP and Blockchain Integration

Hyperchains bridge blockchain with ERP systems like SAP and Oracle Financial, using industry-standard protocols like ISO20022. This allows corporations to seamlessly adopt blockchain-based payments without the need for specialized blockchain expertise.

3. NFT-Based Identity and Transactions

Leveraging non-fungible tokens (NFTs) for secure, web3-native authentication systems or multi-signature corporate networks, Hyperchains provide immutable, verifiable identity solutions. Corporations can use NFT-based keys to replace traditional digital signature systems.

4. Stablecoins and Regulation Compliance

Hyperchains support stablecoins compliant with MiCA (Markets in Crypto-Assets Regulation), making them ideal for enterprises concerned about cryptocurrency volatility and legal compliance in regulated environments.

5. Enhanced Scalability and Efficiency

Hyperchains offer scalable solutions powered by state channels and built on Erlang, providing low latency and high throughput at reduced costs. This makes them perfect

for large-scale applications, frequent payments, and data-heavy transactions.

6. **Use of Oracles and Data Privacy**

æternity's oracles provide signed and trusted on-chain data feeds, ensuring the integrity of critical information without unnecessary data storage on the blockchain. This is crucial for corporations handling sensitive financial data.

7. **Flexible Blockchain Solutions for Corporates**

Hyperchains offer customizable blockchain options for corporates with various use cases such as supply chain management and financial transactions. With features like smart contracts, generalized accounts, and multi-signature authorizations, businesses have the flexibility to scale as needed.

Transformative Technology for Enterprise Adoption

"Hyperchains will be pivotal for enterprise blockchain adoption," said Nikola Stojanow, Chairman of the Aeternity Foundation. "Our team has been refining this transformative solution over the years to address key challenges like ease of integration, regulatory compliance, and operational control. Hyperchains empower businesses to confidently leverage blockchain for growth, giving them a powerful tool that aligns seamlessly with their needs."

Hyperchains address common blockchain concerns by providing no-code deployment, interoperability, and compliance with international standards. These capabilities help enterprises bridge the gap between traditional systems and blockchain technology, simplifying adoption for both developers and decision-makers.

Join the Hyperchains Revolution at Web Summit 2024

Don't miss the official launch of Hyperchains at the Web Summit in Lisbon, November 11-14, 2024! Explore live demos, gain insights from the æternity team, and discover how Hyperchains can transform your business with cutting-edge blockchain solutions.

Find out how you can easily transform your operations and leverage Hyperchains for growth and efficiency in your business or organization by visiting the official website: <https://aeternity.com/hyperchains>.

About Aeternity Foundation:

The Aeternity Foundation is a non-profit organization based in Sofia, Bulgaria, dedicated to advancing the æternity blockchain ecosystem through strategic innovation, partnerships, grants, and developer support. The foundation's mission is to drive decentralized technology adoption across industries with secure, scalable, and open-source blockchain solutions.