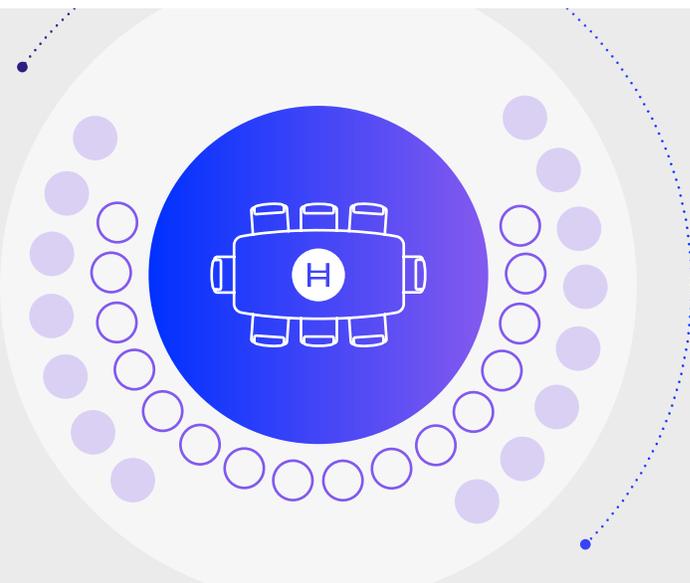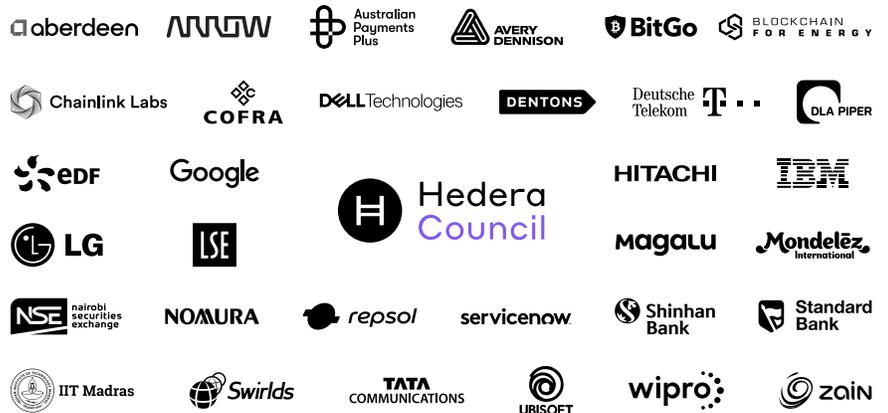# Hedera™

The trust layer of the digital economy

DLT is powering the next generation of finance with transparent, always-on infrastructure that enables market participants to move value instantly, tokenize assets and build programmable currencies on modern rails.

Hedera stands at the forefront of enterprise-grade DLTs—delivering unmatched performance, security, built-in compliance and a unique governance model—setting a new standard as the trusted foundation for the emerging digital economy.

Trusted governance

Hedera is governed by a Council of leading global institutions across six continents and 11 industries. Each member has a say in important decisions and operates a network node, ensuring the Hedera network remains secure, fair, and enterprise-ready.

aberdeen · ARROW · Australian Payments Plus · AVERY DENNISON · BitGo · BLOCKCHAIN FOR ENERGY

Chainlink Labs · COFRA · DELL Technologies · DENTONS · Deutsche Telekom · DLA PIPER

EDF · Google · Hedera Council · HITACHI · IBM

LG · LSE · Magalu · Mondelēz International

NSE nairobi securities exchange · NOMURA · repsol · servicenow · Shinhan Bank · Standard Bank

IIT Madras · Swirlds · TATA COMMUNICATIONS · UBISOFT · wipro · zain

Governance structure

With limited terms and equal voting rights, the Council prevents dominance by any one entity, safeguarding the network's credibility and making it a trusted choice for enterprise-scale adoption.

High-performance technology

TRADITIONAL BLOCKCHAIN

HASHGRAPH TECHNOLOGY

Hedera leverages the ground-breaking hashgraph consensus algorithm to enable high-speed, secure and parallel transaction processing—without compromise.

With a capacity of over **10,000 transactions per second (TPS),** Hedera significantly outperforms traditional blockchains, offering unmatched scalability for enterprise applications.

EVM-compatible

To build the digital economy, interoperability across chains is essential. Hedera runs smart contracts written in Solidity and integrates seamlessly with Ethereum-based tools and applications. It also supports native and ERC-compatible tokenization standards, making digital asset management simple and efficient.

Open-source code

The Hedera codebase is managed by Linux Foundation Decentralized Trust as Project Hiero, which ensures vendor-neutral governance and peace of mind for builders. With the tenure and expertise of the Linux Foundation, developers gain access to unparalleled collaboration and continuous growth opportunities.

Hiero

Built-in regulatory compliance

With governance by global institutions and a comprehensive set of foundational and application-level measures, Hedera is one of the most rigorously OFAC-compliant public networks in the market today.
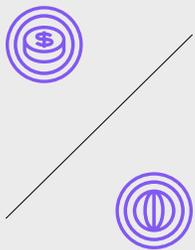
Additionally, Hedera Token Service enables the creation and management of tokens with role-based compliance controls, allowing builders to meet securities regulations and enterprise governance standards for regulated security tokens or stablecoins. It also provides fine-grained controls such as freezing, wiping, applying KYC flags, and blacklisting tokens.

KYC/AML providers and custodians

Hedera itself does not enforce identity at the protocol level, preserving decentralization. However, compliance can be achieved via integration with third-party identity verification providers.

On Hedera, custodians play a central role in enabling compliance by holding and managing digital assets on behalf of their clients.

ELLIPTIC   FORTRESS   MERKLE SCIENCE   copper.co   Dfns   Fireblocks   HexTrust

Stablecoin & Asset Tokenization Studios

Hedera has composable, open-source toolkits designed to streamline development of regulatory-compliant asset tokenization. Stablecoin Studio enables users to configure, issue, and manage stablecoins with proof-of-reserve functionality. While Asset Tokenization Studio supports U.S. SEC Regulations through a customized ERC-1400 implementation, as well as ERC-3643 for broader global accessibility.

Public policy

The Hedera Public Policy team works closely with government officials, financial institutions, and advocacy groups to shape global standards and regulations that ensure interoperability and innovation across the DLT ecosystem.

U.S. and global engagement

Headquartered in the U.S., with team members worldwide, Hedera actively engages with policymakers both domestically and internationally to educate them on the transformative potential of blockchain technology, advocating for its responsible use in alignment with established regulatory frameworks.

Atlantic Council   BDAP   BLOCKCHAIN ASSOCIATION   BLOCKCHAIN FOR EUROPE   CRYPTOISAC   Digital Economy Council of Australia   GDF   GBBC Global Blockchain Business Council   GSMA

IIF Institute of International Finance   MILKEN INSTITUTE   OMFIF   STAND WITH CRYPTO   techUK FOR WHAT COMES NEXT   WSBA   UK Cryptoasset Business Council   W3H   WOMEN IN CRYPTO   WORLD ECONOMIC FORUM

Real-world use cases on Hedera

Hedera powers a range of enterprise applications, from AI, data integrity, and digital payments to real-world asset (RWA) tokenization. Discover 200+ use cases at hedera.com.

Tokenization—Hedera makes tokenizing real-world and digital assets easier than ever. From regulated security tokens to NFTs, Hedera supports diverse asset types, unlocking trillions in illiquid assets and equipping enterprises and developers with the tools to reshape financial markets.

> Tokenization has long been seen a key enabler in the new world of digital innovation. That's why we're delighted to collaborate with Lloyds and Archax, to demonstrate real-world application of on-chain collateral movements using tokenised assets. This demonstrates the ability of digital assets to streamline processes and efficiency.
>
> **aberdeen**   EMILY SMART, CHIEF PRODUCT OFFICER

Payments—Hedera combines speed, predictability, and trust– everything that's needed to power the next-generation of payments and digital currencies, such as stablecoins and CBDCs.

> AUDD on Hedera marks a major step forward for digital money in the APAC region and beyond. As the tokenization of goods, services, and assets accelerates, stablecoins like AUDD will be central to ensuring real-world currencies interact securely with decentralized finance.
>
> (A$)   EFFIE DIMITROPOLOUS, CEO

Sustainability—Hedera is deeply committed to sustainability. Through its Proof-of-Stake consensus mechanism, it significantly reduces energy consumption per transaction, making it one of the most sustainable DLT networks. Hedera also purchases carbon credits quarterly to offset its emissions, ensuring its commitment to becoming carbon-negative.

> Blockchain technology holds the key to a revolutionary approach in managing carbon emissions and combating climate change, ushering in a new era of sustainable supply chains within our cooperative network.
>
> **HYUNDAI**   **KIA**   SEUNG HYUN HONG, HEAD OF MATERIALS RESEARCH AND ENGINEERING CENTER

Ⓗ Hedera™

Hedera stands apart as the leading enterprise-grade public blockchain on the market. The platform's unique hashgraph technology ensures lightning fast performance combined with the highest levels of security and efficiency. By empowering the development of applications that address real-world challenges across tokenization, AI, digital identity, DeFi, and more, Hedera is building a new trust foundation for the digital economy.

For more information, visit **hedera.com**, or follow us on **X**, **LinkedIn**, or **Discord**.
The Hedera whitepaper can be found at **hedera.com/knowledge-center**.

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