

BLOCKCHAIN HOSTING

BUILDING CONSENSUS ONE BLOCK AT A TIME



In the complex world of finance, cryptocurrency, insurance, healthcare, supply chain management, and real estate, blockchain technology lends itself well to the challenge of automating and validating transactions across sectors and industries in a transparent and immutable way.

At its core, a blockchain consists of a distributed ledger that is hosted on a network made up of high-performing and redundant servers that provide the powerful computing power necessary to ensure transactions are executed and validated flawlessly.

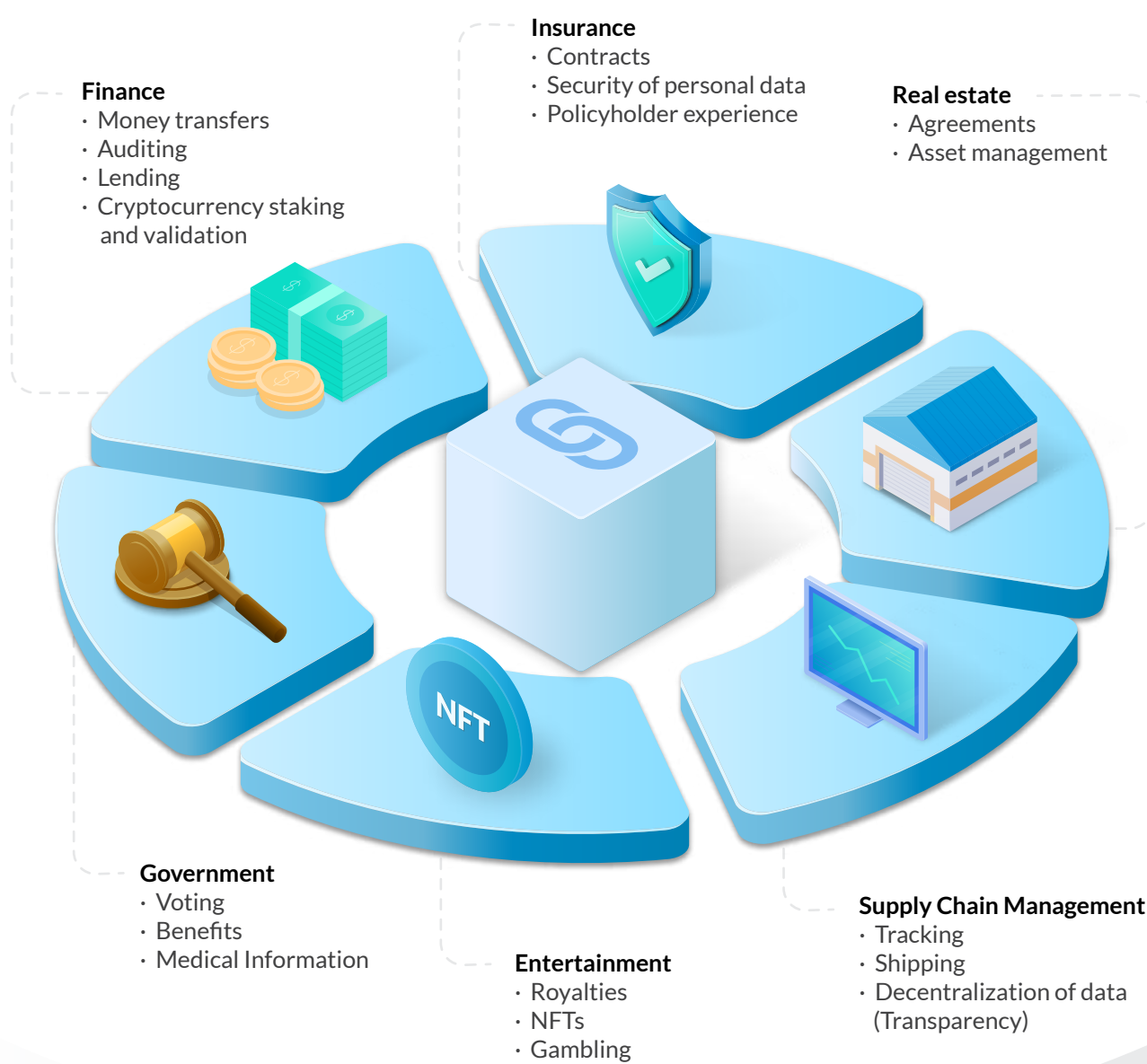
INDUSTRY CHALLENGES

CRYPTOCURRENCY AND FINANCE	AGREEMENTS AND CONTRACTS	SUPPLY CHAIN MANAGEMENT
Frauds and hacks within the DeFi space amounted to \$240.4 million between January and April of 2021. Organizations using AI and automation had a 74-day shorter breach lifecycle and saved an average of \$3 million USD more than those without.	Companies in the real estate industry suffered a median loss through occupational fraud cases of about \$435,000 USD in 2020 and 2021. This makes them the industry with the highest median losses of all occupational fraud cases worldwide during that time.	Supply chain disruptions are an economic hardship that cost organizations around the world an average of \$184 million USD per year in 2021. The financial burden is highest in the United States, where the estimated average annual cost amounted to \$228 million USD.
How Blockchain is Solving Problems in the Financial Sector https://esmelearning.com/blogs/news/blockchain-solving-financial-sector-problems Cost of a data breach 2022 https://www.ibm.com/reports/data-breach	Occupational Fraud 2022: A Report to the Nations https://acfpublics3.us-west-2.amazonaws.com/2022+Report+to+the+Nations.pdf	Interos Annual Global Supply Chain Report https://f.hubspotusercontent20.net/hubfs/5812029/Resources/Interos%20Annual%20Global%20Supply%20Chain%20Report%202021.pdf

BLOCKCHAIN USE CASES

No matter what industry your business operates in, the automation capabilities and immutable nature of transactions processed through a blockchain network can have a significant and positive impact on daily operations.

Here are some of the most lucrative and effective applications of blockchain across industries:



TYPES OF BLOCKCHAINS

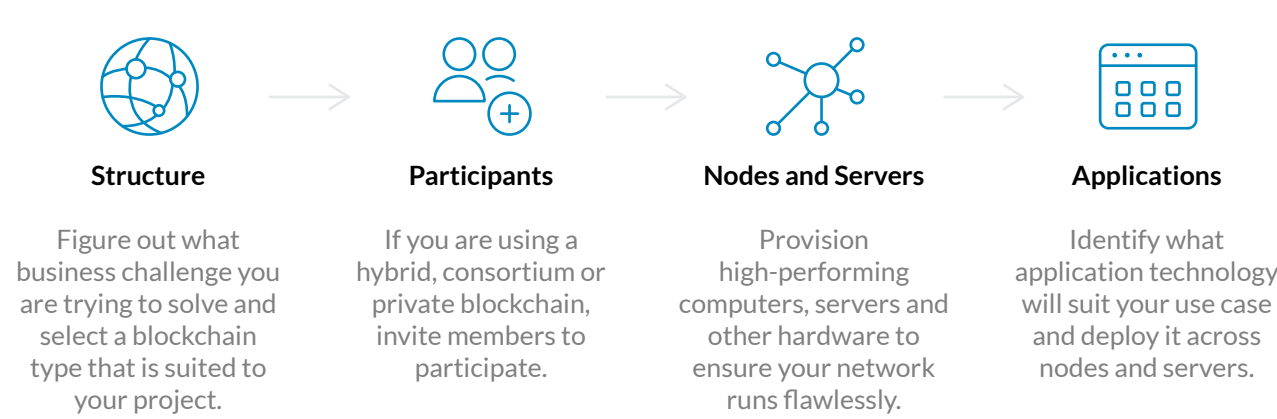
By deploying a node on a blockchain or setting up your own blockchain server, you can contribute to an established network or build your own to support your unique business requirements and needs.

TYPE OF BLOCKCHAIN	PUBLIC	PRIVATE	CONSORTIUM	HYBRID
Functional Network Access	No central authority and is completely decentralized.	Controlled by one authority.	Controlled by a group.	Controlled by one authority with some permissionless processes.
Use case	Cryptocurrency, validation of public transactions, staking, voting.	Prevention of hardware failure, software failure, data loss, and power outage.	Payments, pharmaceutical & food tracking, shipping.	Internet of Things (IoT), banking, supply chain, government.

DEPLOYMENT AT A GLANCE

Identify where you might deploy a blockchain within your business, whether it's internally to automate processes, agreements and contracts, or across your supply chain by onboarding partners, suppliers and consumers so that you can better track a product or deliverable throughout its lifecycle.

Steps to deploy:



Deploying a blockchain solution can be a straightforward process when you're working with the right partner. At ServerMania, we will work with you to make sure your blockchain deployment is implemented efficiently with enterprise grade hardware, allowing you complete control over scalability and reliability for the future.

BLOCKCHAIN MANAGEMENT



Forecasts suggest that global spending on blockchain solutions will continue to grow in the coming years, reaching almost 19 billion U.S. dollars by 2024.* It's likely that your business will benefit, now or in the near future, from the integration of a blockchain solution, either privately deployed or through a hybrid or consortium approach.

As you explore the ways in which this technology can support and enhance your business operations, consider partnering with a trusted provider that can help guide you along the way.

ServerMania has experience developing enterprise solutions for over 20 years and can guide and support businesses of all sizes in establishing secure, reliable and powerful blockchain solutions to meet or exceed their needs.

Book a consultation to see how we can help you.

[BOOK A CONSULTATION](#)

* Global Spending on Blockchain Solutions Forecast to be Nearly \$19 Billion in 2024, According to New IDC Spending Guide
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