Why Dragonchain?

- Prove your data with quantum-safe security.
- View real-time data with comprehensive line-of-sight visibility.
- Save up to 30 percent on your organization’s supply chain operations.
- Build private or public hybrid blockchain applications and write smart contracts in minutes with blockchain as a service.
- Smart contracts are deployed as independently scalable instances in a cloud infrastructure.
- Dragonchain Consulting team offers full product access, capabilities, methods, and tools across diverse industries and geographies.

Product overview

Dragonchain is an affordable hybrid blockchain software development platform. It offers secure and fast deployment of blockchain powered business solutions written in any programming language. Dragonchain is interoperable with any external blockchain, legacy system, and application, and can be hosted in any cloud or on-premise environment.

Product features

Security

Dragonchain offers quantum-safe encryption to protect your entire supply chain against ransomware issues invading your business:

- Stay operational with a combination of segregated data, quantum encryption, and mirrored systems.
- Leverage multiple integrations with public blockchain networks to decrease fraud and prove the authenticity of supply chain data.

Transparency

Gain industry-exclusive line-of-sight visibility into the depths of your supply chain to track products and inventory throughout the entire supply chain lifespan:

- Enterprise non-fungible tokens (NFTs) provide selective transparency and access control.
- On-chain data allows for real-time reporting and forecasting of information and events.

Integration and interoperability

Offers integration between any external blockchain, legacy system, application, or Internet of Things (IoT) device or sensor with any management system:

- Provides audit proofs, identify users and devices, and secure data with quantum-safe cybersecurity.
- Developer-friendly platform is easy to integrate into your current network, easy to use, and is independently scalable.
**How it works**

Dragonchain established Context Based Verification as its consensus model. Every transaction is immediately usable on a trust basis, and in time is provable to an increasing level of decentralized consensus. A transaction will have a level of decentralization to independently owned and deployed Dragonchain nodes (~700 nodes) within seconds. Full decentralization to Bitcoin (BTC) and Ethereum (ETH) happens within minutes or hours. Level 5 nodes (Interchain nodes) function to secure all transactions to public or otherwise external chains such as Bitcoin and Ethereum. These nodes scale the system by aggregating multiple blocks into a single Interchain transaction on a cadence. This timing is configurable based upon average fees for each respective chain.

**Differentiators**

- In January 2020, Dragonchain demonstrated a quarter of a billion (250 million+) fully executed transactions in a 24-hour period on the operational network.
- On Dragonchain, every node has its own blockchain and is independently scalable.
- Deployment to cloud or on-premises of next-gen blockchain systems.
- Offers a restful API allowing you to easily read and write to your own blockchain.
What our customers are saying

"Our SafePass app requires the highest level of privacy while also balancing public health. Dragonchain gives our users control of their data, providing proof to both them and SafePass. Without Dragonchain we couldn’t offer the privacy our users desire."

- Jan Lubeck, Lead Developer for Medek Health Systems LLC

Additional Resources

- [Developer resources](#)
- [Dragonchain community](#)
- [Architecture](#)
- [Case studies](#)

Data Points

- **$3.1T**: Valuation of blockchain industry by 2030
- **2014**: Year created by Walt Disney Company
- **260M**: Transactions on a business system in just 24 hours
- **2400%**: Customer engagement in 6 months

Solution available in [AWS Marketplace](#)