

Inframine Blockchain

Enterprise-ready solutions that overcome existing limitations of blockchain technology in terms of privacy, confidentiality, audibility, performance and scalability

What is blockchain?

It's a shared ledger for recording the history of transactions – that cannot be altered

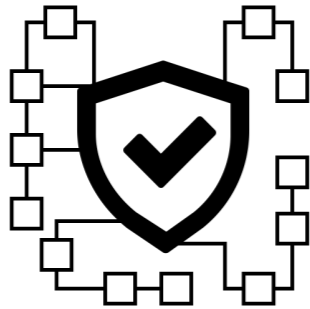


How does Blockchain work?

Using blockchain technology provided by Inframine, it's possible to build a database of products and their entire history so that provenance, authenticity and ownership can be verified.

Inframine Digital Blockchain Platform facilitates:

- Provides a globally accessible database to store products and their digital histories
- High capacity and throughput for millions of sensors and products, linked with IoT
- Data immutability that brings trust and auditability to the records
- Proof of ownership
- Lifecycle traceability
- Query technology that enables quick retrieval product histories

Critical benefits for enterprises

Distributed	Permissioned	Secured
 <p data-bbox="315 1248 990 1616">It works as a system of record that is shared among participants of the business network, eliminating the need to reconcile disparate ledgers.</p>	 <p data-bbox="1026 1248 1720 1549">Each member of the network has access rights so that confidential information is shared on a need-to-know basis.</p>	 <p data-bbox="1750 1248 2428 1494">Consensus is required from all network members and all validated transactions are permanently recorded.</p> <p data-bbox="1750 1569 2428 1688">No one, not even a system administrator, can delete.</p>

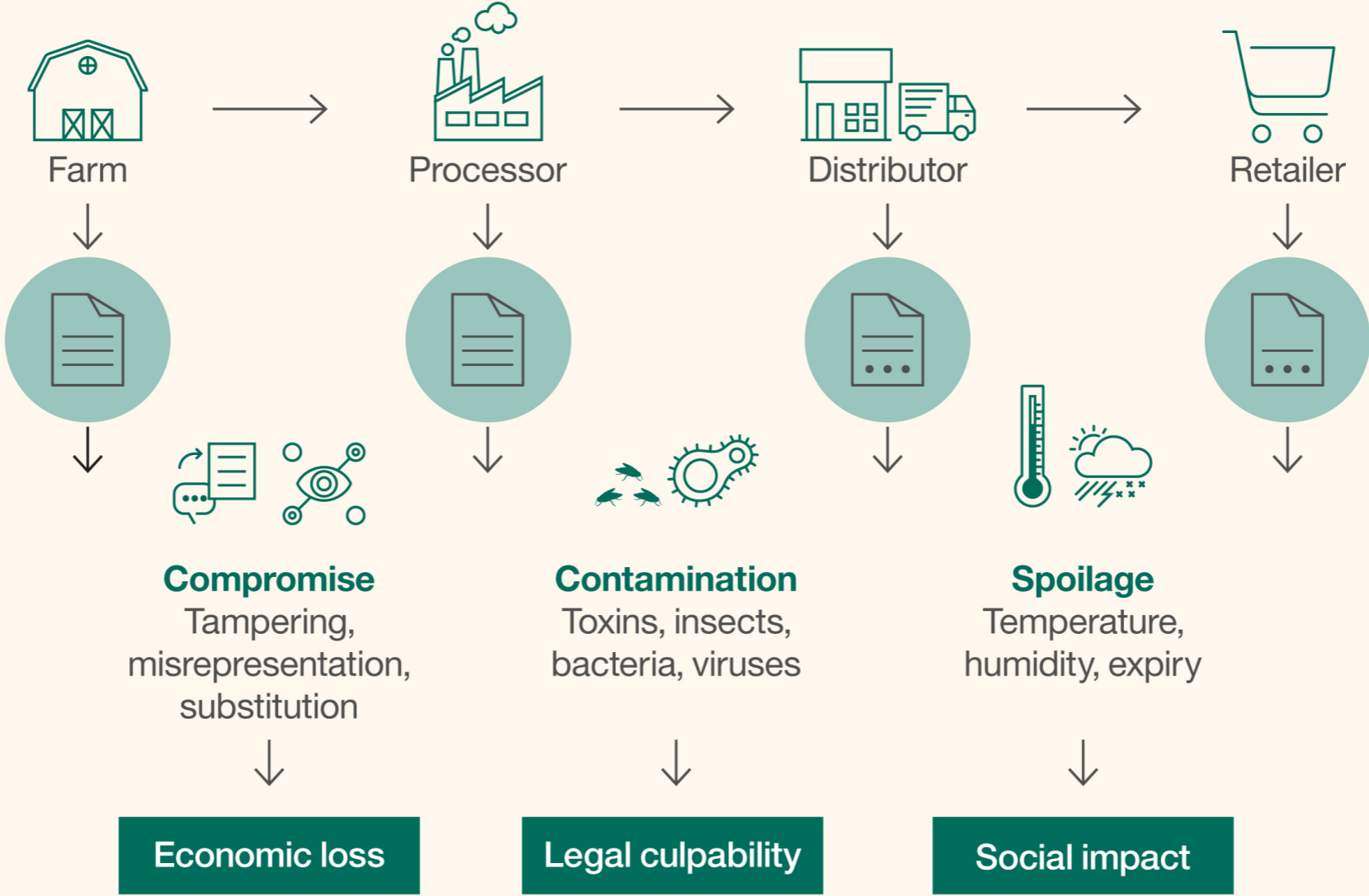
How it works in Mining



- Detailed tracing via easily retrievable transactions to remove operating costs
- Enhanced security for entering the data and data immutability to guarantee the quality with secured electronic certificates
- Controlled process without paperwork to reduce financing costs
- Data gathering and data analytics to optimize revenue
- Machine Learning outside blockchain for better cash flow generation

**Making commodity flows efficient, liquid and transparent
to move the industry to 4.0 paradigm**

How it works in Agriculture



Blockchain can help digitally trace and authenticate food products from an ecosystem of suppliers to store shelves and ultimately to consumers.

Supply chain with Blockchain



Reduce or eliminate fraud and errors



Improve inventory management



Minimize courier costs



Reduce delays from paperwork



Identify issues faster



Increase consumer and partner trust

Identity with Blockchain



For consumers

- Convenience and simplified experience for accessing various services
- Improved privacy protection
- Greater control over personal data



For businesses

- Reduced risk and cost of data breach
- Efficient compliance management and monitoring
- Rapid onboarding and improved customer experience



For regulators

- Standardized process
- Prompt auditing
- Increased efficiency in compliance control, monitoring and quality

Decentralized, secure and immutable. Stable. At scale.

Traditional blockchains lack the scale and speed that most enterprises require. Inframine takes a different approach, one that starts with a big data distributed database and then adds blockchain characteristics.

The result is linear scaling, high throughput and low latency, making data-centric and high volume use cases a breeze.

Only Inframine Blockchain combines the all-important advantages of scale, queryability and performance of traditional databases with the distributed, secure and immutable nature of blockchain technology into one package.

Turnkey mining services or custom packages tailored to your needs: full range of mining services from equipment sales, maintenance and repair to private blockchain servicing.

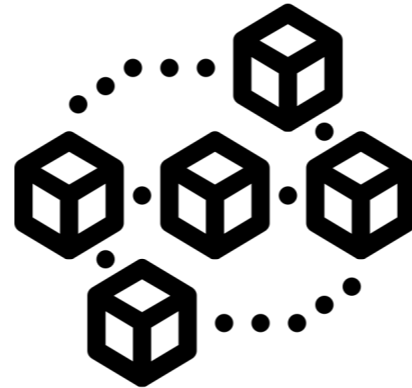
Hands-on production support

From ideation to production, we have the team and technology to help you build enterprise-grade applications and platforms



Ideation

We run a 1-day workshop to help you better understand blockchain technologies and let you drill-down into the right use cases that bring the biggest benefit.



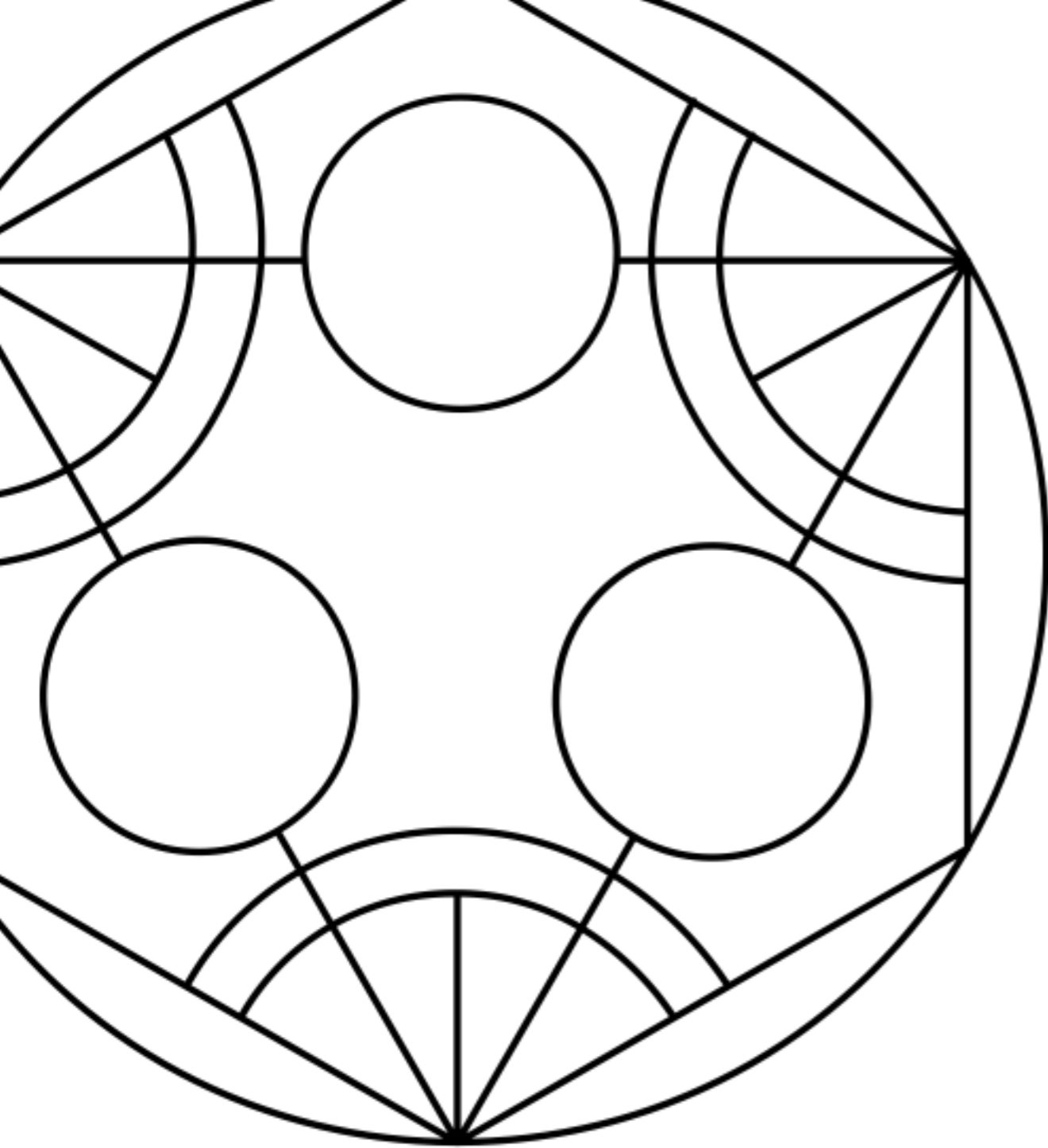
Use case development

We help you build a detailed business and technical architecture that lets you move forward with confidence.



Application engineering

Now you need help to build a prototype to show your superiors. We can work to your needs, budget and timeline to get a demo into your hands that will impress.



Contact us

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