

# Hyperledger Iroha

**Real world Problem:** Digital Supply Chain Management System





# Hyperledger Iroha

- Inspired by Japanese Kaizen principle (*meaning concerns the processes that continuously improve operations and involve all employees*)
- Asset Governance
- User Account Management
- Permission Control
- Business Rule Validation
- Multisignature Transactions



# Digital Supply Chain Management

Digital Supply Chain Management optimizes supply chain processes through

- real-time tracking,
- data-driven decision-making,
- and seamless collaboration among partners.

It enhances visibility, improves efficiency, and mitigates risks for a resilient and agile supply chain.



## **How Iroha can help us?**



# How Iroha can help us?

- **Real-time Tracking:** Hyperledger Iroha enhances visibility by enabling real-time tracking of assets, ensuring a comprehensive view of their movement in the supply chain.
- **Transparent Tracking:** Iroha enhances visibility by enabling real-time tracking of assets.
- **Data-Driven Decision-Making:** Provides rich data insights for better decisions in inventory, demand, and production.
- **Collaborative Efficiency:** Facilitates seamless collaboration among supply chain partners.
- **Risk Mitigation:** Helps mitigate risks, reduce delays, and improve overall supply chain resilience.



**Can be integrated into the existing projects?**



# Can be integrated into the existing projects?

- Hyperledger Fabric
- Hyperledger Besu
- Hyperledger Indy
- Hyperledger Aries