



Building Trust at Every Step of Automation

Data is the lifeblood of automation. Our software ensures it stays accurate, secure, and ready to drive operational excellence, helping your business cut costs and boost performance.

Ensure Data Integrity for Uninterrupted Automation

Ensure reliable automation by securing consistent, tamper-proof, and accurate data across machines, IoT, and cloud environments.

Achieve Leaner Processes with Trustworthy Data

Empower predictive maintenance and lean operations through accurate, tamper-proof, and trustworthy data.

Cut Costs Through Reliable, Secure Automation

Reduce costs and inefficiencies with secure, reliable data supporting your automated processes.

Data Integrity

Securing data integrity in Industry 4.0 is essential for ensuring systems and devices operate effectively. Tampered or incorrect data can result in poor decisions, operational failures, and vulnerabilities, particularly in critical sectors such as manufacturing and logistics.

Protecting Operations

With IoT and AI driving Industry 4.0, maintaining accurate data is crucial for reliable operations. It protects sensitive information, prevents cyber threats, and ensures business continuity by safeguarding critical infrastructure and minimizing the risk of disruptions.



Ensuring Data Integrity in Industry 4.0

Securing data integrity in Industry 4.0 is crucial because systems and devices rely on accurate data to function effectively. Tampered or incorrect data can lead to poor decisions, operational failures, and vulnerabilities in key sectors like manufacturing and logistics. With IoT and AI driving Industry 4.0, maintaining data accuracy ensures reliable operations, protects sensitive information, and prevents cyber threats that disrupt businesses and critical infrastructure.

Protecting Data at the Source with Blockchain-Powered Integrity

Anchoring data close to its source is essential for securing integrity across the entire data processing chain, which often involves multiple distributed systems. For machines, this means securing the data before it leaves the device. At the same time, the system must protect the anchored data from tampering after export. Blockchain's immutable nature aligns perfectly with this paradigm. Our blockchain-based Wallet Service integrates seamlessly into any machine to secure its data integrity in a decentralized and privacy-preserving manner. It allows a machine to directly interact with the blockchain and its smart contracts. For this, the service assigns each machine a unique identity. With its identity, the machine signs and broadcasts transactions to

immutably anchor its data on the blockchain. The blockchain's encryption scheme ensures that no unauthorized third party can access the data, while still allowing any authorized party to verify the data at any point in time. This means that every part of your business can rely on accurate and trustworthy data, driving reliable automation and in turn cost efficiency.

Interested in learning how blockchain-based data integrity can enhance your automation? Reach out to us to explore how our solutions can help protect your operations, improve reliability, and drive efficiency. We'd be happy to discuss how we can support your business.