

Supply chain model

more transparent,
responsible, and efficient

In an era prioritizing social and environmental responsibility, digital technology is essential for transforming "From farm to table" or "From farm to garment" programs to foster a fair economy.

How to improve the resilience of supply chains in a context of safe and transparent production and distribution?

Key Trends:

\$1,5
BN

The value of Blockchain in the food and agriculture sector expected by 2026.

\$4
BN

Smart crop monitoring by 2027.

\$75
BN

Digitalization of the supply chain by 2030.

DATA SOURCE: STATISTA

Blockchain stands as one of the fundamental pillars for ensuring transparency principles, but its full potential emerges through seamless integration with complementary technologies such as **IoT** and **AI**.

The Value of Technology's Impact

Circular Ecosystem

Integrating **IoT** enables the acquisition of data such as temperature and GPS location, facilitating detailed tracking of individual product units throughout the entire supply chain: from ingredient sourcing to retail sale. This technology monitors working conditions and dynamics, enabling more intelligent resource management and promoting environmental responsibility, consequently reducing the overall ecological footprint of industrial activities.

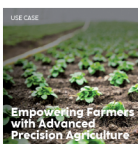
Responsible Productivity

Organizations can employ **Blockchain** to record transaction details originating from IoT devices, ensuring authenticity. This system offers an immutable and transparent ledger that meticulously tracks the production, consumption, and distribution of agricultural products. By ensuring transaction integrity, it empowers consumers to verify the origin of purchased items, thereby bolstering trust in the agricultural sector.

AI-Driven Value

Artificial Intelligence algorithms analyze collected data to optimize irrigation, forecast weather conditions, and identify inefficiencies in resource usage. Predictive analyses, like using temperature data to predict the shelf life of food products, inform inventory management and the development of strategies to minimize waste and improve profitability in agriculture.

Our Toolbox



Our Impact

