

BLOCKCHAIN EFFECTS BY INDUSTRY

The potential impact of blockchain technology across industries



For many industries, blockchain presents opportunities for cost reductions and operational efficiencies. Blockchain technology offers a new means of executing business processes, especially those that interact with business partners, vendors and customers. The decentralized nature of blockchain enables collaboration between parties where trust in the data has not yet been established.



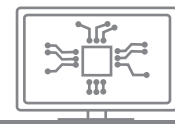
MANUFACTURERS, DISTRIBUTORS AND RETAILERS

- Enable faster and improved traceability of product and raw material information
- Manage downstream supply chain to have transparency with suppliers
- Improve food recalls and organic certifications
- Verify authenticity of products and high-end merchandise
- Streamline and automate tax and tariff calculations



FINANCIAL SERVICES

- Improve transparency in lending by giving lenders greater visibility into their customers
- Enhance document workflow for transactions involving multiple parties
- Ensure availability of capital by improving visibility and trust between previously unknown parties and opportunities for microinvesting
- Facilitate data transparency and security in know-your-customer and anti-money laundering compliance



TECHNOLOGY

- Reduce supply chain platform costs
- Change revenue model through microtransactions and targeted pricing
- Track internet of things data
- Allow IoT devices to rely on information from each other



HEALTH CARE AND LIFE SCIENCES

- Reduce claim approval and payment timeframes
- Enhance drug authenticity by tracking drugs from manufacturing to patient
- Reduce costs of drug recalls
- Improve drug trial data without compromising patient information security
- Increase speed in doctor credentialing



NONPROFIT AND PUBLIC SECTOR

- Increase transparency and transaction speed related to credentials and funding
- Streamline and improve verification and tracking of student test results, degrees and transcripts as well as professor credentials and articles
- Provide better visibility and reduce processing time for grants via self-executing smart contracts



REAL ESTATE

- Change the investor model from partnerships to tokens to improve the efficiency of transactions
- Improve the quality of information sharing among participants in a transaction by reducing paperwork and potential errors
- Allow for increased microinvesting and inclusion of foreign investors