

Blockchain for Enterprises

Enabling secure environments for enterprise
collaboration and seamless transactions

Overview

Blockchain has industry applications and enterprise use cases across industries, however, its true potential can be exploited in deriving maximum value in the supply chain and finance industries.

Blockchain increases supply chain visibility, transparency, authenticity, and ensures reduction in counterfeits. It speeds up up complicated inter-party processes and builds confidence in collaborative processes by reducing friction and improving transparency.

On the other hand, Blockchain is transforming the enterprise operations in the finance industry in a big way. Its decentralized, immutable and shareable nature has a potential to make real-time payment network which allows transfer of currency with confidence of security, trust and reliability.

Its full adoption can enable banks to process payments faster and with accuracy while reducing transaction processing costs at the same time.

Adoption of Blockchain and Distributed Ledger Technology (DLT) unlocks unprecedented business flexibility, improved efficiency, and fosters cultivation of new business models.

Birlasoft Blockchain Offerings

We help enterprises to create new business avenues using the Blockchain technology. We help them to identify Blockchain use cases, build monetization models that complement the identified use cases and provide a robust infra/network for integrating Blockchain to their business advantage.

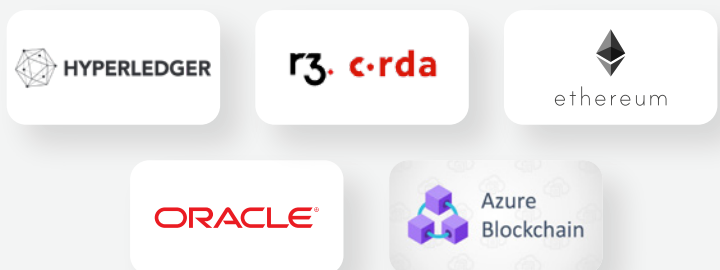
We help organizations

- Understand the underlying technologies and create adoption roadmaps
- Help in value discovery, use case identification, PoC/pilot, implementation and integration of the Blockchain
- Create & run incentive models to encourage business partners to join and continue in the network
- Choose the right Blockchain platform based on their business needs and preferences
- Help them in platform porting and integration across cloud providers





Our Offerings

-  **Consulting and Advisory**
-  **Architecture, Implementation and Integration**
-  **Innovation & Center of Excellence**
-  **Platform migration and integration**

Blockchain Technologies



Our Industry Focus

Application of Blockchain	 <p>Banking & Finance Insurance</p> <ul style="list-style-type: none"> • Policy administration and streamlined claim management • Audit and Compliance • Clearing and Settlements 	 <p>Discrete Manufacturing & Automotive</p> <ul style="list-style-type: none"> • Supply chain tracking, tracing and sustainability • Specific Product Recall • Regulatory compliance and Quality Assurance 	 <p>Lifesciences & Services</p> <ul style="list-style-type: none"> • Anti-Counterfeiting • Clinical Trial Management • Authenticating Returned Drugs 	 <p>Energy & Utilities</p> <ul style="list-style-type: none"> • Performance Attestation and Payment Reconciliation • Asset Contract and Asset Performance Management • HSE and Regulatory Compliance • Renewable cryptocurrencies and energy tokens (emerging).
	KYC-Identity verification and anti-money laundering			
	Payment and settlement			
	Audit & regulatory compliance			
	Tokenization & incentivization			
	Provenance & authenticity			

Birlasoft's Industry Solutions



Underwriting and Claim Processing

Enables Insurance companies to reduce the underwriting and claim processing time



Counterfeit Drug Detection and Supply Chain Traceability

Empowers drug manufacturers, distributors, retailers and patients to validate authenticity of drug or medical device



Supply Chain Sustainability

Empowers fashion retailers to track supply chain sustainability goals by measuring environmental, social, and economic parameters from cotton harvesting to garment recycling



Warranty Management

Empowers OEMs to prevent revenue leakage, control warranty cost, and expedite customer claim processing and settlements with suppliers

Success Story

Birlasoft, in partnership with a specialized equipment maker, built a blockchain-based solution to connect more than 1500 machines and 50+ field services companies with our client - an O&G major in the US. Through this solution, Birlasoft delivered workflow simplification, security, and enhanced efficiency for the customer.

The solution leverages automation and blockchain to facilitate collaboration, ease of business, and fool-proof security, thereby contributing to increased productivity for the client.

Benefits

- Up to 30% revenue growth reported by the end-customers
- Improved supply chain visibility for all the stakeholders
- Counterfeit detection and provenance tracking helps in identification of spot inefficiencies, foresee delays, and predict mistakes
- Increased utilization of the unused assets results in increasing revenue and profitability
- Preventive maintenance advisory
- Authentic asset valuation enables ease in merger and acquisition
- Asset ownership transfer in a trusted way thus bypassing disputes, errors, forgeries & repudiation

Why Birlasoft?

We help organizations to recognize whether blockchain is the right fit in their business scenario and problem area. We help companies discover hidden opportunities, determine specific use cases, and return on their investments through our value discovery. Our expertise in focus industries, domain and augmented technologies helps businesses to leverage blockchain in the right way to improve process integrity, lower transaction cost, reduce fraud, and improve traceability to meet regulatory and compliance needs.

To learn more about our industry-specific point of views and solutions on blockchain, write to us at digital@birlasoft.com



RESOURCES

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Enterprise to the Power of Digital™

Birlasoft combines the power of domain, enterprise, and digital technologies to reimagine business processes for customers and their ecosystem. Its consultative and design thinking approach makes societies more productive by helping customers run businesses. As part of the multibillion-dollar diversified CK Birla Group, Birlasoft with its 11,900+ professionals, is committed to continuing the Group's 160-year heritage of building sustainable communities.