Nexledger™ Blockchain Platform

Accelerate blockchain adoption with an enterprise-ready platform

Governments and businesses alike are exploring how this exciting new technology will improve and transform existing processes and industry ecosystems. Blockchain enables organizations to identify, validate, store and share data at every stage of a transaction with new levels of security, transparency and efficiency. As the pioneer in mobile security, Samsung SDS developed Nexledger, an open source hybrid architecture, permission-based blockchain platform that helps organizations transact in an efficient, verifiable and secure way.

According to Gartner, Inc., blockchain will add $3.1 trillion in business value by 2030

BLOCKCHAIN BENEFITS

Distributed
This peer-to-peer (P2P) network is both decentralized and distributed; and each participant maintains a copy of a shared, append-only ledger of digital data.

Immutable
Consensus is required from all members, and all validated transactions are permanently recorded.

Trusted
Data on the blockchain is legitimate and validated by all participants on the network.

WHY NEXLEDGER?

Built for the Enterprise
Modular platform architecture, with built-in tools to facilitate management

Scalable & Adaptable
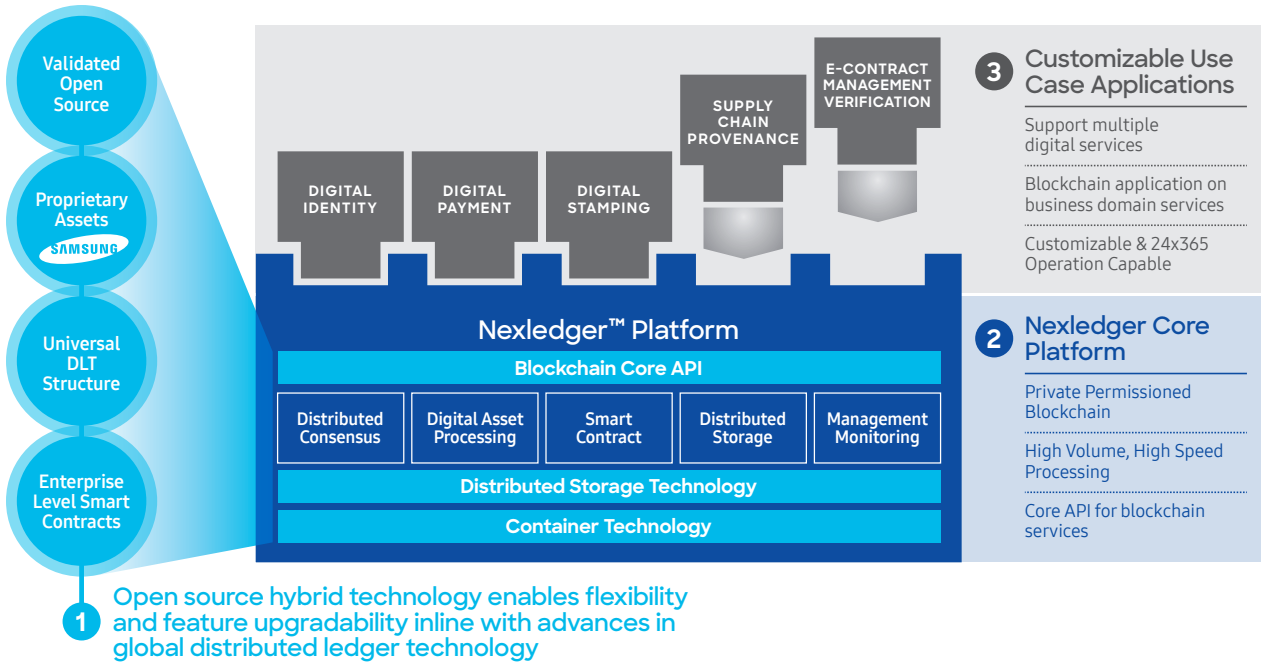Leverage APIs to integrate business apps, as well as other blockchain implementations

Optimized for Performance
High volume transaction processing for maximum throughput using an optimized consensus algorithm

Proven
Nexledger has moved beyond POCs to deliver fully commercialized blockchain solutions across multiple industries including financial services, electronics, manufacturing and logistics.

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Open source hybrid technology enables flexibility and feature upgradability inline with advances in global distributed ledger technology

Use Case	Details	Industry
Digital Identity for large commercial bank consortium (18 banks)	Deployed inter-bank blockchain system. The platform enables the co-authentication of customers for various banking transactions on the blockchain platform.	Financial Services
E-Contracts for global energy storage manufacturer	Designed and implemented electronic contract system for managing registrations, e-signatures and contract originations	Manufacturing
Supply Chain Provenance for maritime logistics consortium	Real-time shipment tracking, customs clearance, trading payment, cargo insurance	Logistics
Digital Stamping for one of Korea's largest credit card issuers	Electronic document verification, digital identity and biometric authentication services	Credit Card Processing

ABOUT SAMSUNG SDS AMERICA, INC.

Samsung SDS America (SDSA) is the U.S. subsidiary of Samsung SDS, an $8B global software solutions and IT services company. SDSA provides purpose-built solutions for secure mobility, digital identity and biometric authentication, retail experience, and wearable technology. We enable our enterprise customers to achieve greater freedom, operational efficiency and smarter decision making as the driving force for their competitive advantage.

CONTACT US

To learn more about the Samsung SDS Nexledger Blockchain Platform, please visit www.samsungsds.com/us/en or email us at bd.sdsa@samsung.com.

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