Blockchain Technologies Focused on Government and the Enterprise.

SPIN SYS

SPIN SYS

Overview

SpinSys technology solutions provide secure, enterprise level integrated products, solutions and architectures utilizing industry leading Hyperledger blockchain technologies for business.

Our core focus and investment is in leveraging our proven track record in big data solutions and the secure management and handling of billions of mission critical transactions per day. Further enhancing our mission to host and foster technical and business-level solutions for blockchain technologies, SpinSys has provided information technology, cybersecurity, and software engineering services to the Federal Government and commercial enterprises since 1998. We specialize in enterprise system modernization with a focus on the challenges presented by big data. Currently, we're developing an approach to utilize Hyperledger for healthcare, human resources, legal, and financial institutions by offering a fully integrated product suite for big data collection, aggregation, collaboration and analytics using blockchain technologies.
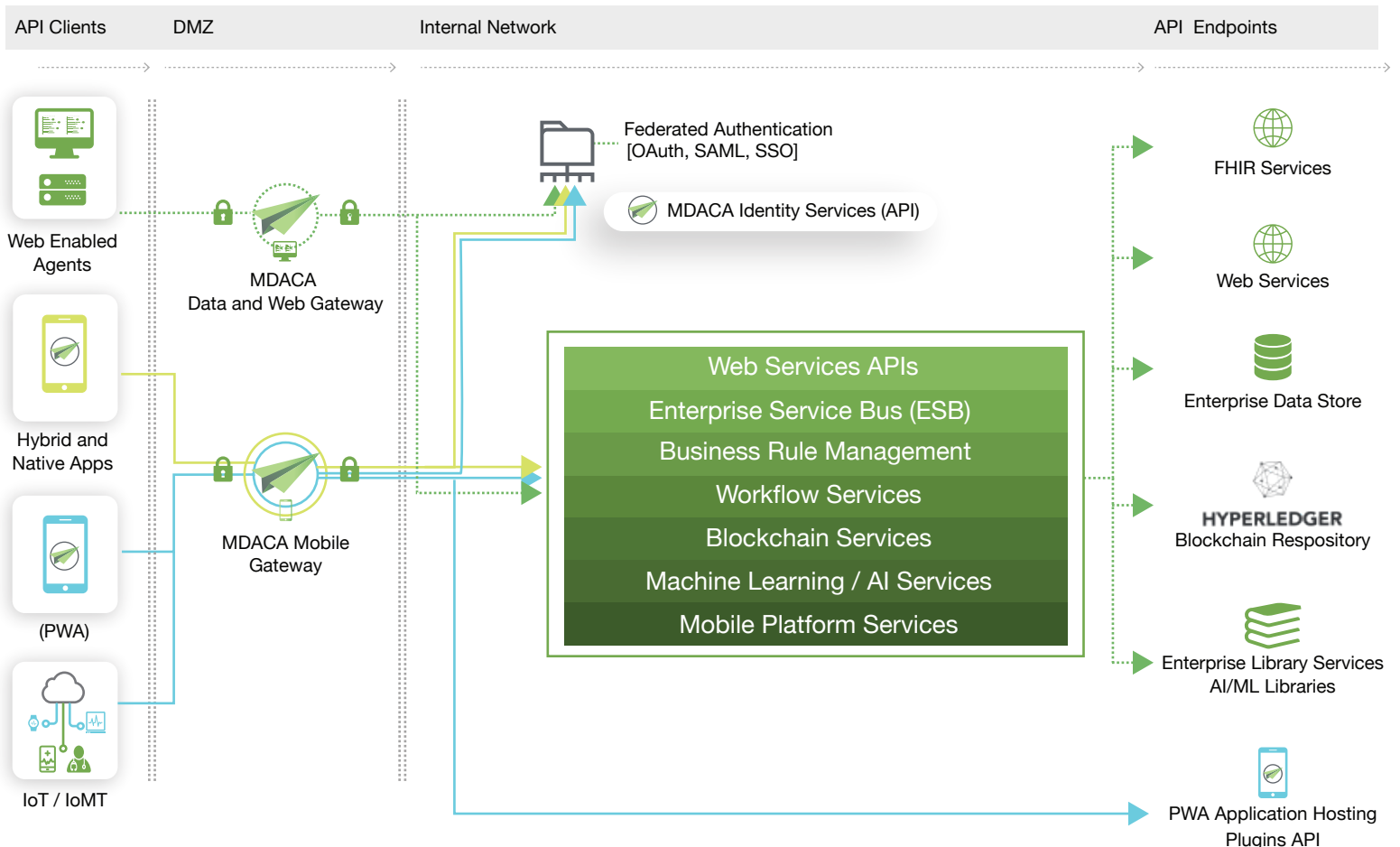
HYPERLEDGER
GENERAL MEMBER

SpinSys is a general member of Hyperledger, an open source, collaborative effort created to advance cross-industry blockchain technologies. We are working closely with leaders from a broad range of Government, industry, and key technology alliances to rapidly move these technologies forward.

Connecting the Enterprise

API Clients	DMZ	Internal Network		API Endpoints

Web Enabled Agents

MDACA Data and Web Gateway

Hybrid and Native Apps

MDACA Mobile Gateway

(PWA)

IoT / IoMT

Federated Authentication [OAuth, SAML, SSO]

MDACA Identity Services (API)

Web Services APIs
Enterprise Service Bus (ESB)
Business Rule Management
Workflow Services
Blockchain Services
Machine Learning / AI Services
Mobile Platform Services

FHIR Services

Web Services

Enterprise Data Store

HYPERLEDGER
Blockchain Respository

Enterprise Library Services AI/ML Libraries

PWA Application Hosting Plugins API

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Blockchain For Business

SpinSys blockchain technology solution is based on permissioned blockchain infrastructure providing a modular architecture with a delineation of roles between the nodes in the infrastructure.

Decentralized and Distributed
Ledger is replicated across all parties with each keeping a full record of transactions which are verified cryptographically.

Irreversible and immutable record keeping
Ledger is append-only, with transactional records for auditing through a trusted network with consensus protocols and collective bookkeeping

Permissioned membership
Provides collectively defined membership and access rights within your business network, where all participants have known identities

Near Real Time
Parties interact directly, eliminating the need for third-party intermediaries, enabling smart contract automation and enforcement.

Data on a Need-to-Know Basis
Capabilities exist within the network to utilize data partitioning on the blockchain ensuring data is only accessed by the parties with the need to know.

Performance, Scalability, and Levels of Trust
Modular architecture that separates transaction processing, allowing for a flexible and distributed solution with scalability to meet different business needs.

Protection of digital keys and Identity Management
Support for digital key generation and identity management integration

Rich Queries and Analytics
Query and Analytics tools to access data, including asset and transaction information, securely stored in the ledger.

Modeling and Analytics
Browser-based interface providing the ability to model and analyze your business network.

Blockchain Technologies For Business

→ Hyperledger is an open source collaborative effort created to advance cross-industry blockchain technologies. It is a global collaboration, hosted by The Linux Foundation, including leaders in finance, health, banking, IoT, supply chain, manufacturing and technology.

About SpinSys

SpinSys is the premier small business systems integrator for cloud-based solutions, specializing in sustainment and modernization for the enterprise.

Contract Vehicles

GSA IT Schedule 70
Contract #:GS35F0598N
SIN 132-51 – IT Professional Services
SIN 132-56 – Health Information Technology (HIT) Services

JITC (DoD)
Subcontractor to Smartronix, Inc.
Contract #:HT001-12-D-0003
Period of Performance: 6/2012 - 6/2019

T4 (VA)
Subcontractor to ASM Research, Inc.
Contract #:VA118-11-D-1011
Period of Performance: 5/2014 – 5/2019

TEAMS (MHS)
Subcontractor to Booz Allen Hamilton, Inc.
Contract #:W81XWH-08-D-0025
Period of Performance: 1/2012 – 1/2018

SeaPort-e
Contract #:N000178-14-D-7498
Period of Performance: 4/2013 - 4/2019

CIO-SP3 (NIH)
Subcontractor to LGS Innovations, Inc.
Contract #:HHSN316201200033W
Period of Performance: 6/2012 – 6/2022

Spin Systems, Inc
→ Dun and Bradstreet Number (DUNS): 82-908-8116
→ CAGE Code: 3ED90
→ NAICS Classifications: 541512, 511210, 518210, 541330, 541511, 541513, 541519, 541611, 541990, 611420
→ SIC Classifications: 737, 7373, 7379

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ISO 9001:2015

LINUX FOUNDATION
SILVER MEMBER

HYPERLEDGER
GENERAL MEMBER

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