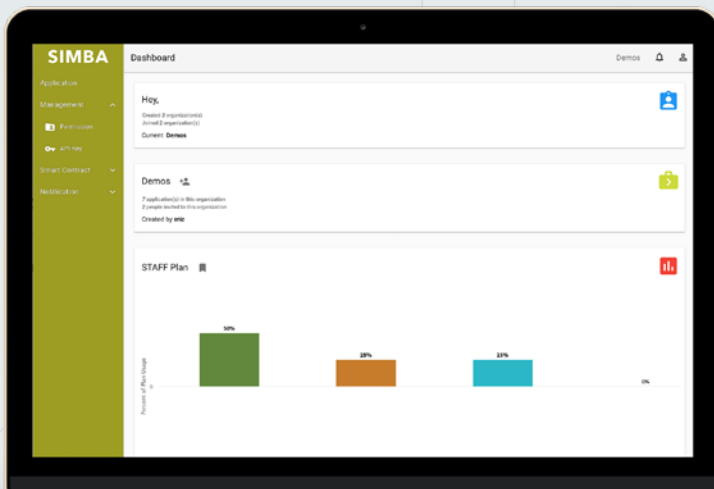


SIMBA CHAIN CAPABILITIES



SIMBA Chain provides a simple way for you to develop Blockchain apps using our easy-to-use Platform or SIMBA can also be your Blockchain build partner. Above all, we make it easy to seamlessly take your business to the Blockchain through DIY or close interaction.

WANT TO DEVELOP YOUR BLOCKCHAIN?

YOU NEED TO KNOW:

Web3 Ether Wallet Javascript
Geth Meta Mask Node.js
Etherscan IPFS and more...



Zero knowledge to create a distributed applications, using known interfaces

GET STARTED

SIMBA Chain has two approaches to get your Blockchain up and running. We offer our DIY Platform to build your own or we can be your build partner.

SIMBA'S PLATFORM

- Multiple Blockchain protocols
- Multiple data stores
- Simplified smart contracts and wallets
- Auto-generated custom REST APIs

BUILD PARTNER

- Blockchain Capabilities-as-a-Service
- Start-up-as-a-Service
- White-labeling your own solution
- Custom development

BLOCKCHAIN SOLUTIONS

SMART CONTRACT DESIGNER

Smart Contracts provide the interface and business logic to what is written on the Blockchain. They also control what rules need to be met for successful write operations to take place. SIMBA's Smart Contract Designer (SCD) allows anyone to quickly and easily create smart contracts. The interface allows you to build a graph of relationships using what SIMBA calls an "Asset and Transaction" model.



ASSETS

Assets represent the things in your business that need tracked or the nouns of your business workflow.

Examples: vehicle, shipping containers, files, or designs.

TRANSACTIONS

Transactions are any business processes or states that use or impact assets.

Examples: timestamps, locations, opens, or downloads

AUTOMATED DATA INTEGRITY

Data protection is a critical challenge. 4.1 Billion data records were compromised in the first half of 2019 alone. Do you want assurance that your archived files haven't been altered but don't have the time or resources to devote to protection?

Unlike traditional file protection solutions that are expensive, difficult, and time-consuming, SIMBA's Automated Data Integrity is a lightweight solution leveraging blockchain's native encryption and decentralization capabilities to protect files.



SMART CONTRACT AS A SERVICE (SCAAS)

SIMBA enables organizations to focus on core business and technical competencies and not worry about the Blockchain itself all while allying them to deploy to their own instance of Microsoft Azure.



1

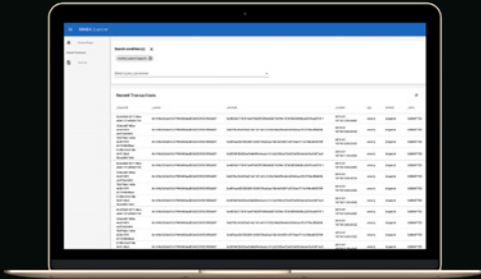
CREATE YOUR SMART CONTRACT ON SIMBA CHAIN

2

EXPORT TO OUR AZURE SMART-CONTRACT-AS-A-SERVICE

3

SCAAS PROVIDES A REST API



SCAAS EXPLORER

For exploring the blockchain transactions, the SCaaS has an integrated Explorer, which allows you to browse, search and view the details of all of your Blockchain transactions for each Smart Contract using the SCaaS Explorer. The SCaaS Explorer makes exploring the blockchain a breeze.

GAMING + BLOCKCHAIN



SIMBA now integrates with Unity 3D to combine gaming and blockchain. This integration could allow interconnected games, the ability of users to own their purchases, unlocks, and high scores, and much, much more.

It is now possible to immutably owning, storing, and managing all your personal gaming and digital assets is now possible.

FEDERAL GOVERNMENT CONTRACT VEHICLE

Looking for a simple and streamlined way to source Blockchain and Blockchain related digital transformation and technology development projects with minimal administrative burden?

SIMBA Chain's SBIR Phase III BOA could be your answer.

CONTRACT FEATURES INCLUDE:

Sole-Sourced Non-Compete Rapid Acquisition

Authorizing Agency: Naval Air Systems Command (NAVAIR)
Customer Agency (TPOC): US Navy
BOA (Basic Order Agreement): # N68335-19-G0045
Deliver Order: # N68335-20-F0012
Color of Money: RDT&E

START-UP-AS-A-SERVICE

SIMBA is reducing the Blockchain barrier-to-entry for early-stage businesses. SIMBA does the heavy lifting for your Blockchain development, so you can get to your product/market fit faster and help you grow.

Additionally, we provide advisory, training, support and coaching so you can scale for success.

SIMBA START-UP-AS-A-SERVICE OFFERS:

- SIMBA blockchain managed technology platform using Quorum
- White Label blockchain solution to bring to market
- SIMBA Platform Technical Support
- Single source of training
- Coaching, feedback and sounding board to help vet your strategic decisions



SIMBA'S PLATFORM

SIMPLE WAY TO DEVELOP YOUR OWN BLOCKCHAIN APPS



API

The SIMBA platform auto-generates Representational State Transfer (REST) APIs. This provides REST-based access to smart contract methods that transact on the blockchain ledger and enables access control groups for reading or writing.

Each API endpoint allows multiple data files to be attached and stored off-chain in a data store. Data comes into the system as multipart attachments to the REST endpoints, which are then checked for access before being passed to a special data bundling mechanism. The bundling algorithm stores all files into the data store and generates hashcodes for aggregation into a manifest file, which is stored in the data store, with its hashcode bound on the blockchain to guarantee the integrity of the data input into the system.

DATA STORES

Data Stores in SIMBA use the same adapter pattern as the blockchain (single generic REST interface), and can support the simple integration of different data stores.

SIMBA supports the Ceph, IPFS and flat-file-system-based data stores, Tahoe, and Microsoft Azure Blob Storage.

WALLETS

A private key of a wallet is required to sign a transaction. SIMBA doesn't store user's private keys. We provide a callback mechanism that allows the developer's app to sign transactions on behalf of their users.

When a transaction request is made on SIMBA using the app API, it sends it to the Blockchain adapter to generate the transaction payload. This payload is then returned to the sender for signing.

BLOCKCHAIN

SIMBA provides a generic API to multiple blockchain systems so the system does not have a dependency on a single blockchain or distributed ledger technology.

SIMBA supports Ethereum, Quorum, Stellar, and RSK. Support for many more Blockchains are on the roadmap.

SMART CONTRACTS

Smart Contracts provide the interface and business logic to what is written on the blockchain. They also control what rules need to be met for successful write operations to take place.

The Platform automatically generates smart contracts through our simple user interface. Users add their assets and transactions along with their methods and parameters, and **SIMBA Chain automatically generates the smart contract.**