SIMBA.

Scalable, Secure
Blockchain Solutions
BUILT WITH SIMBA SPEED

SIMBA BLOCKS

BRINGING Web3 TO LIFE

As Web3 awareness grows, more companies are exploring the potential of blockchain. However, for those unfamiliar with the technology, this process can be intimidating. On the journey from proof of concept to production companies face several challenges, from protocol selection to smart contract creation and deployment. These technical and administrative hurdles often distract from company requirements, making it more difficult to deliver practical business solutions.

What Is SIMBA Blocks?
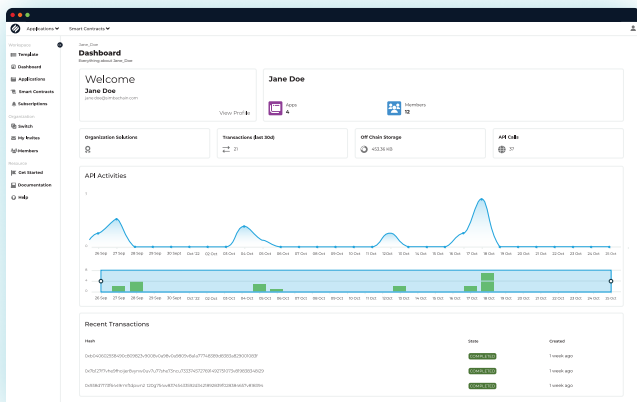
In most cases, building Web3 applications takes months or years of planning, building, and testing before production can start. SIMBA Chain shortens this process significantly by delivering built-in configurations for security and monitoring while streamlining integrations between Web2 and Web3 applications. The platform also removes barriers to entry, eliminating the need to hire a team of blockchain developers or invest in dedicated network infrastructure.

As a cloud service hosted by SIMBA Chain, SIMBA Blocks is at the core of this offering, introducing a powerful new way to build on Web3. On the front end, SIMBA Blocks auto-generates REST APIs that connect to smart contracts. Behind these scenes, these APIs can communicate with different blockchain protocols. When developers call these REST APIs, SIMBA Blocks seamlessly converts them to blockchain transactions.

SIMBA Blocks also monitors blockchain updates, simplifying application configuration. These features are delivered using an intuitive web interface alongside powerful developer tools that streamline the integration of blockchain technology with existing data systems.

Key Benefits

Dynamic APIs
SIMBA Blocks auto-generates virtual REST APIs that connect to smart contracts on multiple protocols. These chain-agnostic APIs simplify application integrations, reducing deployment times by weeks or months, saving up to $1.3M per implementation.

High Availability
SIMBA Blocks delivers high availability by auto-scaling in response to your software throughput requirements. This resilient infrastructure rebalances the system to prevent network failure, ensuring the success and speed of each transaction.

Full Chain Freedom
Blocks allows you to choose between multiple supported blockchain protocols. If your needs change, it's easy to migrate to another chain. Beyond future-proofing your investment, this functionality optimizes interoperability, allowing you to build and deploy public, private, or hybrid solutions.

Development Acceleration Tooling
SIMBA Blocks prioritizes the developer experience, offering a robust suite of tools that streamline the path to production and bolster scalability. Our low code tool supports out-of-the-box data integrations, storage solutions, and Web3 plugins.

Structured Data
SIMBA's unique structured data approach annotates smart contracts at design, generating powerful business intelligence insights. Specifically, SIMBA Blocks indexes blockchain data, supporting lightning-fast searches and event-driven architecture.

Enterprise Ready
Blocks is an enterprise-proven platform delivering speed, flexibility, scalability, and cost-effectiveness. In addition to offering enterprise blockchain protocols, Blocks allows you to integrate your preferred compliance-ready tools like wallet, storage, and identity management solutions.

About SIMBA
Incubated at the University of Notre Dame in 2017, SIMBA Chain (short for Simple Blockchain Applications) provides a scalable enterprise platform that simplifies blockchain development. With fewer barriers to entry, companies can build secure, scalable, enterprise-grade solutions that integrate seamlessly with existing data systems. SIMBA implementations generate value for major government organizations, enterprises, and blockchain companies as a production-grade platform that enables public, private, or hybrid deployments.