



Enterprise Grade Blockchain **Infrastructure**

Authenticiti Overview

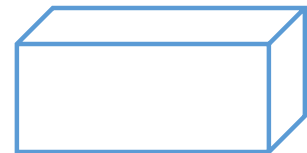
Authenticiti offers reliable, scalable, and secure deployments of blockchain networks through a simple cloud-based service. Built on Ethereum open source infrastructure, Authenticiti provides enterprise grade blockchain infrastructure designed for rapid deployments to a public cloud, private cloud or on-premise. Encryption is built into the Authenticiti Platform ensuring each data owner exerts total control over how their data is shared or revoked with peers.

Through Authenticiti, customers can rapidly deploy decentralized and encrypted blockchain networks or proof-of-concepts without building or maintaining infrastructure themselves.

Scalable Blockchain Infrastructure for Rapid Deployment

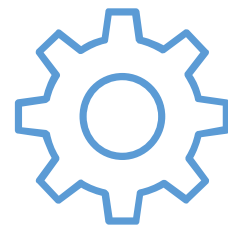
Containerized Deployment Architecture

- Node binaries, middleware, key management and core blockchain logic is dockerized into a lightweight container.
- Deploy your container to any enterprise cloud in rapid time.
- Keys to exert control over encrypted data stored in a vault subnet only accessible to individual network participants.



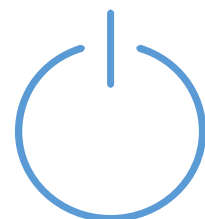
Simple API to interact with the network

- Push data from your enterprise applications to create transactions and events on the blockchain network using standard RESTful API or work with Authenticiti to define appropriate frontend interfaces
- All ingested data is standardized and privacy presets applied through an abstraction layer



Custom Network Configuration

- Frontend interface to monitor network health and node health in real-time.
- Launch a blockchain network, deploy nodes, invite members and set data access permission policies through a user-friendly frontend interface.



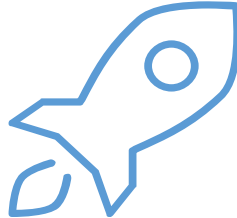
Core Value Propositions

Quick Deployment



Containerized deployment to enterprise cloud environments enables you to rapidly stand-up a network and that inviting new members or deploying new nodes is streamlined through dockerized containers.

Low Latency



Authenticiti allows you to configure consensus algorithms enabling any volume of transactions to be published in near-real time if required.

Encrypted Networks



All data published on-chain is encrypted. Each participant has unilateral control over how their data is shared with other peers via key sharding.

Example Blockchain Network Proof-of-Concept

Authenticiti is now partnering with industrial manufacturers to develop a proof-of-concept application to help them rapidly realize the benefits of blockchain networks.

As an example, Authenticiti can make some combination of following capabilities available. The specific implementation can be tailored to the industrial manufacturers needs as part of a Proof-of-Concept:

- A private blockchain network to securely share documents and events across multiple parties
- Integrations to upload data and documents from third-party applications, standardizing information onto the blockchain network
- A user interface for viewing the real-time status of assets and documents across the network, as well as time-stamped event history across multiple parties
- A user interface for participants to grant and revoke access to their documents and data
- A user interface to configure and monitor the blockchain network

Example Screens

Purchase Order Fields View:

GE_Aviation
View Purchase Orders Logout

[Purchase Order Detail:](#)
REVISE
APPROVE
FLAG FOR INACCURACY

PO NUMBER	PO-09A1C
TX REF	hg8zxiara4i
PRICE	\$305,000.00
PART NUMBER	GE-81682561598873
SHIP TO	Lockheed Martin
PURCHASED FROM	General Electric
DATE CREATED	July 4, 2017 2:41 PM

Network Administration UI:

BEST BLOCK
#7,904,084

UNCLES (CURRENT / LAST 50)
0/0

LAST BLOCK
0s ago

AVG BLOCK TIME
1.00s

AVG NETWORK HASHRATE
2H/s

ACTIVE NODES 4/4

GAS PRICE 0 wei

GAS LIMIT 4712388 gas

PAGE LATENCY 62 ms

UPTIME 100%

BLOCK TIME

DIFFICULTY

BLOCK PROPAGATION

LAST BLOCKS MINERS

0x70bf86c1ca727f760557b22e88bcc9f72c3629a614

0x1Feb223e68aFS88b2e398772067923d5d40685Fe13

UNCLE COUNT (25 BLOCKS PER BAR)

TRANSACTIONS

GAS SPENDING

GAS LIMIT

ATTENTION! This page does not represent the entire state of the ethereum network - listing a node on the network does not mean it is a miner.

Node	OS	Uptime	Sync	Peer	Gas	Block	Latency	Uptime	Sync
Bootnode	Geth/v1.8.0-unstable-e323ed5a/linux-amd64/go1.9.2	0 ms	3	0	#7,904,084	912ba562...d98292fb	14,327,891	0 s ago	0 ms
Lockheed Martin	Geth/v1.7.3-stable-4bb3c89d/linux-amd64/go1.9	2 ms	0 KH/s	3	#7,904,084	912ba562...d98292fb	14,327,891	0 s ago	0 ms
Aviation	Geth/v1.7.3-stable-4bb3c89d/linux-amd64/go1.9	0 ms	0 KH/s	3	#7,904,084	80fb7aee...05edf38	14,327,892	0 s ago	0 ms
Financial Institution	Geth/v1.7.3-stable-4bb3c89d/linux-amd64/go1.9	1 ms	0 KH/s	3	#7,904,083	51d915c9...e4b75b12	14,327,890	1 s ago	+267 ms