

LTO Network

Anchoring Onepager

Add blockchain to your solution with LTO Network

The LTO Network toolkit allows solution providers and independent software vendors to upgrade their existing apps, systems and processes with increased security and transparency by using blockchain while maintaining data privacy and GDPR compliance.

Using the blockchain for anchoring transactions

Why use anchoring within organizations

Unauthorized data manipulation within organizations can result in serious damages. Blockchain technology can be used to prevent this manipulation of data through creating an immutable audit trail by ‘notarizing’ transactions and events, called *anchoring*, that take place in organizational systems, therefore significantly increasing security and transparency.

Anchoring can be widely applied in organizations through providing verifiable credentials, by timestamping database states and by document notarization.

The current problem with anchoring

Proving the authenticity of information through notarizing transactions, by using parties such as Tierion or by doing it yourself on the Bitcoin- or Ethereum blockchain, is currently cumbersome, expensive and often hard to integrate within existing systems. These characteristics may seem like the mass adoption of this verification technique is far away.

LTO Network’s solution for anchoring:

LTO Network’s blockchain is dedicated to anchoring, ensuring notarizing transactions is inexpensive and easy to integrate in existing systems. The basic concept of fast and secure anchoring of transactions makes it applicable to every industry and organization.

While most methods of incorporating blockchain require significant organizational and technical changes, anchoring can be applied to actually strengthen your existing applications with LTO Network.

The LTO Network global public chain

Most public blockchains primarily focus on smart contracts and scripted logic, making them slow, inefficient and overly expensive for simple transactions like anchoring.

LTO Network uses a permissionless public blockchain that allows anybody to create an address and begin interacting with the network. It follows logic similar to Bitcoin’s SegWit, meaning that not all data needs to be kept by all nodes forever, making the blockchain significantly faster and easier to use than its competitors .

Why choose LTO Network over traditional solutions

Accurate timestamp:	Using the NG-protocol ensures extremely fast processing of blocks, therefore delivering really accurate notarizing of transactions.
Fast verification:	All the hashes are indexed in local databases for almost instant verification, while making them easier to refer to if necessary.
Weight :	Summary blocks ensure that with the growing blockchain usage, nodes do not have to store millions of MB of data.
Truly decentralized:	A permissionless public chain ensures real verification.
Cost-efficient:	No more need for constantly paying transaction fees. Becoming a joint business builder allows you to eliminate transaction costs with our unique economic model.

Example Anchoring Use Case: Digital Signatures



Since 2017 blockchain technology has been used to sign documents in LegalThings SaaS environments. The software hashes the document, including all its metadata such as IP-address and device ID of the signees. This hash is then added to the blockchain. The key of this transaction is then communicated back to the environment and therefore its users.

Now, with the launch of the LTO Network global public chain, anchoring of signatures has become both faster, cheaper, and in case of Joint Business Builders, eventually cost-free.

LTO Network USPs

- ★ Blockchain aimed at integrators
- ★ Hybrid public/private blockchain
- ★ Data privacy & GDPR compliant
- ★ Compatible with every other system

Executive Team



Rick Schmitz
CEO

Former Private Equity and M&A Tax lawyer at both PwC and Deloitte. Rick is also the founder of the successful Dutch startup Firm24.



Arnold Daniels
Lead Architect

Played a key role in the inception of several successful Dutch startups, including Cloud9 IDE that was acquired by Amazon Web Services in 2016. He has contributed significantly to the open source community.



Martijn Migchelsen
COO & CFO

More than 10 year experience in corporate finance. He holds a MSc. degree in business science and previously worked at PwC. Martijn is also the founder of the successful Dutch startup Firm24.



Sven Stam
CTO

Sven has 15+ years of developer experience. He holds a masters degree in Artificial Intelligence with a specialization in Distributed Systems.

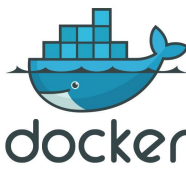
LTO Network Clients



Rijkswaterstaat
Ministry of Infrastructure
and Water Management



LTO Network Partners



Winner of the Blockathon by the Dutch Ministry of Justice and Security

Become a LTO Network Joint Business Builder

Become a partner/integrator by connecting to LTO Network

Kickstart your new business with the help of LTO Network

Get in touch with us to discuss your business model and how to best integrate it with the LTO Network blockchain ecosystem.

We are looking for ambitious teams to create new businesses with LTO Network , offering grants and help for project development.

[Email us](#)

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Additional Information

[LTO Network website](#) | [LTO Network white paper](#)

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