Independent software vendors
OUR WORLD RELIES ON TRUST
But often we find ourselves missing that trust

Unlicensed practices
Diploma/certificate fraud
Construction casualties
Invoice fraud
Identity theft
Revoked licenses
Malicious representation
The typical organization loses 5 percent of its annual revenue to fraud each year.

When applied to the 2017 estimated Gross World Product of $79.6 trillion, this translates to potential global fraud losses of up to $4 trillion.
If proof becomes important, it’s often already too late.

Prevention > Cure
Proof Engine

LTO Network's Proof Engine allows you to secure any digital data against manipulation, protecting businesses against digital fraud.

Our Proof Engine is easy to integrate in existing IT infrastructures and connect to any (legacy) system through an API.

Add a layer of trust to invoices, medical records, emails, documents and other digital data in a matter of minutes at a fraction of the costs.

PARTIES USING THE LTO NETWORK PROOF ENGINE
Inspection Reports

By integrating LTO Network’s Proof engine across the Capptions platform, we are able to give blockchain a mobile face. For Capptions, adding blockchain to our applications is something that we deem helpful for our clients.

Our clients are dealing with environmental inspections carried out by the Dutch government, oil terminal inspections for parties like Fujairah Oil and the safeguarding refuelling of thousands of aircrafts at Schiphol airport. Our inspection app handles sensitive and vital data, so immutability is critical. With the implementation of LTO Network we’re able to let multiple stakeholders monitor and provide one, but decentralised, secure audit-trail in real-time, at every stage.

— Jonathan Stolk - CEO - Capptions
"Using the blockchain for Proof-of-Existence for electronic signatures just makes sense and is already happening. When we researched blockchain platforms, LTO Network stood out in terms of speed, set-up, and capabilities. We are able to include the blockchain transaction identifier directly into our signing logs which are circulated upon signing without the need to wait minutes for confirmations.

Next to that, the potential of creating decentralized workflows did the trick to add the LTO Network solution as an option to our users."

— Michael Krens - CTO - SignRequest
Document validation technology

“V-ID secures any digital file against unlawful manipulation using the LTO Network blockchain, protecting businesses against digital fraud, and letting people focus on innovation.

After you have downloaded a validated file, you can verify it at the Verification Terminal at v-id.org. If you alter the contents in any way, the file will lose its verified status and the Verification Terminal will detect it. You can also print the file and scan the QR code. The digital version of the validated file will show up on your phone, so you can visually compare the printed contents with the original file.”

— Marnix van der Berg - CEO & Founder - V-ID
Our world relies on trust. Yet, we still can't guarantee trust in the opposed party in online business transactions nowadays. We increasingly use communication apps to do business, as commercial transactions are instant, global, and 100% digital.

With Proofi users can are sure that:

- They are interacting with the right company
- They are dealing with an authorized contact person
- The data objects that are exchanged haven't been tampered with

— Harm Bavinck - Stanford Codex Fellow - Proofi
How does it work?

Link your own - or your independent software vendor's system - to a node in order to receive proof receipts.

Set up your own node on Windows, Linux, Mac or use AWS, Red Hat, Azure, etc.

The global LTO Network validates all transactions.
Why organizations should use LTO Network for Proof-of-Existence

- **Fast**
  You want an instant transaction receipt

- **Ease of use**
  Your systems are linked in minutes

- **Costs**
  The most cost efficient solution

- **GDPR compliant**
  Encrypted & hashed proof of data

- **Decentralized**
  Trusted verification by dozens of nodes

- **Usable as SaaS**
  Just buy credits and start immediately
<table>
<thead>
<tr>
<th>Fabric</th>
<th>Type of network</th>
<th>Network sustainability</th>
<th>Decentralized / Permissionless</th>
<th>Response time</th>
<th>Anchoring Optimization</th>
<th>Fees / Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tierion</td>
<td>Centralized application on top of Bitcoin and Ethereum, acting as a &quot;middle man&quot; for PoE.</td>
<td>No revenue model, no sustainability, unclear token model, burning ICO funds.</td>
<td>X</td>
<td>5400s</td>
<td>✓</td>
<td>Free (limited) / Enterprise license</td>
</tr>
<tr>
<td>Factom</td>
<td>Permissioned set of nodes on top of Bitcoin, acting as a &quot;middle man&quot; for PoE.</td>
<td>Subscription based model with recurring costs. Limited product flexibility.</td>
<td>X / ✓</td>
<td>600s</td>
<td>✓</td>
<td>0.20 USD</td>
</tr>
<tr>
<td>Ethereum</td>
<td>Permissionless public blockchains, primarily focusing on financial transactions.</td>
<td>Community-driven, Costs are extremely volatile and negatively influenced by network success.</td>
<td>✓</td>
<td>30s - 900s</td>
<td>X</td>
<td>0.10 USD</td>
</tr>
<tr>
<td>Octopus</td>
<td>Permissionless public blockchain optimized for anchoring.</td>
<td>Combined community and subscription based. Upgradable to additional functionality. No recurring fees when staking.</td>
<td>✓</td>
<td>1.1s</td>
<td>✓</td>
<td>0.02 USD</td>
</tr>
</tbody>
</table>
Company summary

Clients and adoption
It’s not just a promise in a blockchain white paper..
Executive team

Rick Schmitz
CEO
Tax Lawyer, Ex-PwC and Co-founder of LTO Network. Member of ISO committee on blockchain standardization.

Martijn Migchelsen
CFO
Economist, Ex-PwC and Co-founder of LTO Network.

Arnold Daniels
Software Architect
Significant open-source contributor and lead on ProActive (acquired by Visma in 2018) and Cloud9 IDE (acquired by AWS in 2016).

Sven Stam
CTO
CTO of LTO Network. Artificial Intelligence and DevOps expert.

Martijn Broersma
COO
Operations manager, responsible for LTO Networks daily operations for the past three years.
Join the adoption movement!

BOOK A DEMO

LTO.network

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