LegalThings was born from a common pain to almost everyone who has worked in a corporate environment: despite working with smart and organised people, we are still spending too much time on process management and reproduction of the same content.
Stop wasting time on process management, reproduction of the same content and time consuming ‘old school’ collaboration
Why LegalThings....

**Accelerate Your Digital Transformation**

Accelerate digital transformation with LegalThings for intelligent process automation, contract drafting, monitoring, negotiation & signing.

**One single point of truth**

LegalThings includes blockchain verification of its digital signed contracts and gives you - or other professionals either in or outside your organization - alerts when action is needed during the complete contract lifecycle.

**Increase Customer Engagement**

Deliver an exceptional customer experience by engaging them on a process that intelligently guides them through every step that results into the final version of a document.

**Reduce Compliance Risks**

One secure place to monitor contracts, compliance status and other corporate housekeeping documents per entity or business unit. Automated alerts, automated tagging, and AI recognition of important due dates.

**Never fill in the same information twice**

Despite modern tools and technologies, organizations are still filling in the same information over and over again, with hours of wasted time and possible human errors as a result.

**Mobile, Tablet, Desktop... It Looks Awesome!**

In the Netherlands we say: “The eye wants something as well”. That’s why we have made our application look awesome and intuitive at the same time. It’s simple as google.

Time to go paperless. Livecontracts.io
The benefits you can have today!

LegalThings a new type of business application that uses cloud-based software and services to digitally manage a wide range of document-centric processes involving people, documents, data and transactions

Time to go paperless. Livecontracts.io
A Live Contract is a formal agreement that allows interaction. It is formalized in a way that is understandable for both humans and computers. This allows some tasks to be automated.

However, the contract only shows the rules and presents available options. It allows each party to make their own decisions.

By doing so, the process remains in control of us humans rather than the machines.
Does your organisation manage all the templates centrally? Probably not.

This not only results in likely deviation from company standards, the scattered templates are also vulnerable to missing the latest changes in legislation.

With our Smart template builder, you are always ensured that contracts and documents are created according to company standards and up-to-date.
Workflow Management: Manage and customize any possible workflow

WorkFlow Management

It doesn't matter whether you are selling insurances, legal advise or mobile phone subscriptions, every business process has a beginning and an end.

With Legalthings Workflow Management you can create any workflow you want.

You can define actions, notification, payments, actors, messages, files, etc to tailor the workflow you require for your business.

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Digital signing: E-signatures that are as legally binding as ink.

Want to be 100% sure that the right users signed the contract?

We have developed an advanced authentication method to validate and ensure the identity of the signees.

LegalThings allows you to invite counterparties for signing, and offers both optimal security and compliance with EU legislation.
Blockchain technology: An immutable & verifiable audit trail

We are the first to introduce verification blockchain on the entire audit trail of a contract. Interacting with a Live Contract automatically forms a verifiable and immutable audit trail by using blockchain technology.

Each contract forms its own miniature private blockchain which is only shared with the parties involved.

Whereby each data block is anchored to a global blockchain through hashing.

Current integrations with Waves and Bitcoin.

- **Digital signature**
  - Signing of a document has taken place
  - Metadata of the document is encrypted in a hash

- **Get a Blockchain audit trail receipt**
  - The hash is send to the Blockchain
  - The Blockchain generates a transaction ID
  - The hash is verified in the Blockchain by connected nodes

- **Check the transaction**
  - Because the encrypted hash is verified by the nodes in the Blockchain it verifies that the transaction has taken place at a certain time
  - The transaction ID can be verified on any external website
  - Not the content of the document, but the metadata is placed in the Blockchain

Time to go paperless. Livecontracts.io
Missing a contractual deadline is annoying at best. Most of the times it’s downright costly.

LegalThings software, allows you to receive automatic updates alerting you on the expiration of important periods in your contracts.

Through notifications and alerts you will always be kept up to date on what’s happening. As a contracting party, but also as a stakeholder.

You can easily configure notifications and alerts with LegalThings. You can also choose how you want to be alerted – via email, text messages or an agenda alert.
In contract negotiations it is important to keep track of all changes made to the contract.

LegalThings Version Control allows you to track changes for version comparison. If the versions are approved by all parties it can be shared for digital signing.

All separate versions are stored within LegalThings, acting as a valuable audit trail for filing purposes.
Document management: Capture and store all important files centrally

When you use our apps in a project, signed contracts, client data and other important documents are automatically saved, tagged and searchable.

Due to our turnkey solution that covers a complete contract lifecycle, there is no need to export documents from the system.

As the LegalThings system also stores all separate mark-up versions, it is also a valuable filling system for future reference.

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Custom dashboards: Tailor the dashboard for every type of user

A dashboard typically consists of an overview of the most important tasks, processes and progress on certain workflows.

As a team or project manager you want to track progress and make sure all tasks are followed up.

A colleague or a client desires a deeper view into the task on the project or file he is working on.

So we created user dependable dashboard widgets you can choose from.

Custom dashboard

Time to go paperless. Livecontracts.io
Identity Management: Manage access levels to specific files and folders

Legal processes are naturally sensitive and confidential; restriction of authorized data access is therefore critical.

Authorization of users throughout all the LegalThings application can be done via role-based access control.

The actual checking of privileges is done by each application itself. The IAM handles identity management (users, organizations, teams, roles), authentication and session management.
LegalThings software is created on the back of state-of-the-art technology and constructed in the most flexible way possible.
LegalThings uses Amazon Web Services (AWS) to facilitate its PaaS (Platform-as-a-Service) setup. With AWS, we choose for quality and reliability. They are the absolute leaders in cloud infrastructure, and chosen as leader by Gartner for the 6th consecutive year (see the magic quadrant).

- The engine of the system is formed by the seven individual restless web services, communicating through API, creating an extremely stable and flexible core.

- Users can access the app through a AngularJS front-end user interface, which is build as a single web page application ensuring a fast browser experience. AngularJS is also well-known for responsiveness on all devices (desktop, tablet, mobile).
• In times of heavy load, the system will enforce Auto Scaling to maintain its high speed performance standards.

• Each system is running on its own cluster, and therefore can scale independently, making the setup extremely elastic.

• With Auto Scaling, additional server instances are automatically added to the infrastructure, each deployed with its required web service, without the need of a system administrator.

• Elastic Load Balancing automatically distributes incoming web traffic across the available server instances.

• This set-up makes the software apps so fast that the database is the weakest link, instead of the software.
• Both the database and the individual web services are continuously backed up by synchronous replication. We use three instances in two different regions. Instance 2 is just seconds behind each 1, and acts as a real time backup. Instance 3 is located in a different region and is one hour behind.

• Unique to other database structures, MongoDB, gives the possibility for Automatic failover: an exact replica of the dataset is automatically replaced, ensuring a continuous uptime.

• In case of a software update or release of new features, the system uses rolling upgrade, updating a single machine and then updating the next.

• Similar to the rolling upgrade technique, auto maintenance is deployed.
LegalThings uses industry best practices with regards to coding standards, deployment, as well as security.

It is not possible to get physical access to the production environment servers, nor via SSH. The Head of IT and the CTO are the only people with access.

There is no system administrator or database administrator required as management, maintenance and updates are all automatically deployed.

All data in transit is SSL encrypted. By natively encrypting databases on disk, we eliminate both the management and performance overhead of external encryption mechanisms. This new storage engine provides an additional level of defence, allowing only those with the appropriate database credentials access to encrypted data.
Documents in the LegalThings (LT) system are stored in the Document Management Service (DMS). Documents uploaded to the DMS are always sent over an SSL encrypted connection as well as the metadata about the document.

The DMS is completely stateless which means it does not store any data. The actual document data is stored using two separate services. The metadata (information about the document) is stored in our MongoDB database. Each LT customer has its own physical database.

The actual documents are stored using AWS S3 in the AWS Ireland Region. The documents are encrypted using Amazon S3 server-side encryption which uses one of the strongest block ciphers available, 256-bit Advanced Encryption Standard (AES-256).
SUPPORT: High level support guaranty

- **Technical assistance**
  - Critical issues: 4 hours (work hours), 1 day (weekend)
  - Non-critical issues: 1 day (work hours), 2 days (weekend)
  - Feature requests*: 1 day (work hours), 2 days (weekend)
  - How to questions*: 1 day (work hours), 2 days (weekend)

- **Support ticket**
- **Advisory assistance**
- **Telephone support**
- **In-app support**

Response time:
- Critical issues: 4 hour (work hours), 1 day (weekend)
- Non-critical issues: 1 day (work hours), 2 days (weekend)
- Feature requests*: 1 day (work hours), 2 days (weekend)
- How to questions*: 1 day (work hours), 2 days (weekend)