



Knowtary exists to reduce document bureaucracy by validating and recognizing documents publicly.

Lisbon, Portugal
Established in 2020



Azzur Pilot

Automated
Subsidy form
Submission

Knowtary

Knowtary blockchain solution allows for the immutable verification and certification of documents and signatures.

By creating a notary hash and storing it on the blockchain it becomes proof of the existence of the content. This system is corroborated by the verification of notary agents that certify the veracity of the contents of the file, thus providing a legal framework of validation.

All the notarization process is done through an easy-to-use interface on the Knowtary app where end users can quickly and remotely do all the notarization process. They will initiate it by verifying their signature (that may be integrated with the national digital identities) and then proceed to create documents and share them with the other parties.

The Prototype

Knowtary developed the the following prototype to Azzur

Meet the team



Rui Serapicos
CEO & Founder



Thiago Souza
CTO & Founder



Livia Thome
Legal Researcher & Founder

State Pandemic Subsidy Form Submission

Azzur needed a digital identity authentication solution to connect and validate multiple requestors' documentation and contracts for a State Pandemic Subsidy Form Submission.

Knowtary customized the analogue into digital form, validate the documentation and provided a simple to use mobile interface.

For security and data protection purposes, the platform separates data custodians, GDPR complaint personal data stores (off-chain), and multi-stakeholder metadata.

The Knowtary solution stores copies and generates a cryptographic key for data-subject, data-custodian, and data resources. The custodian uploads this hash to the blockchain, data is stored as paired values (metadata) in the blockchain.

In the Knowtary blockchain solution, only the authorized data custodians can upload Hashes into the blockchain giving an additional security layer to the platform.

Although the original blockchain network design is in Ethereum, Knowtary also provides Hyperledger compatibility. Knowtary architecture supports multiple topologies, including directed acyclic graphs(DAGs).

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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 828853