BLOCKCHAIN STAMPER

Blockchain Stamper is a blockchain middleware with two main functionalities: It provides anyone who wants to introduce Blockchain technology into their business model with all knowledge and development necessary for the use of such technology. Blockchain Stamper provides a simple layer of WebServices in REST / JSON technology so that the integrator can manage nodes, Wallets, virtual currencies...

It generates a certified record (printing of a "Blockchain seal") in a Smart Contract. The product compiles all executions carried out against a contract and serialises them in a single document, indexing the most relevant metadata for these transactions (execution date, execution method, specific parameters...) and including them in the record. This record is signed electronically with a certificate for this purpose owned by Wise Security Global. A time stamp of a recognised TSA is subsequently embedded.

- 100% own technology
- J2EE Arquitecture
- REST / JSON Webservice
- Administration website portal

BLOCKCHAIN STAMP

Valid Sign
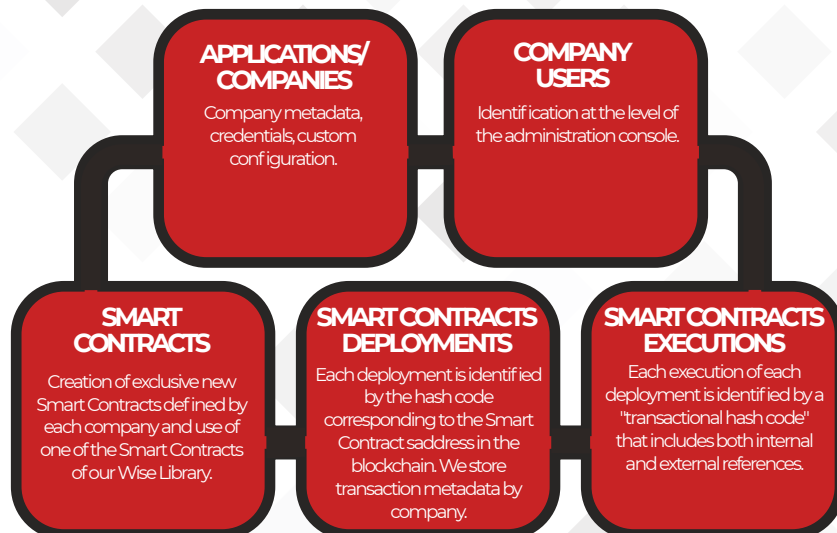WISE-SIGNATURE AND CUSTODY OF TIME STAMP

0x8331da7600000002c776b517

WEBSERVICES
Web administration

The architecture of Blockchain Stamper is based on having reduced all the concepts specific to this technology to a number of companies that can be directly summoned through REST / JSON WebServices and that can be administered simply through a web portal.

ENTITIES

APPLICATIONS/ COMPANIES
Company metadata, credentials, custom configuration.

COMPANY USERS
Identification at the level of the administration console.

SMART CONTRACTS
Creation of exclusive new Smart Contracts defined by each company and use of one of the Smart Contracts of our Wise Library.

SMART CONTRACTS DEPLOYMENTS
Each deployment is identified by the hash code corresponding to the Smart Contract saddress in the blockchain. We store transaction metadata by company.

SMART CONTRACTS EXECUTIONS
Each execution of each deployment is identified by a "transactional hash code" that includes both internal and external references.

"MULTI-NETWORK" PRODUCT

Blockchain Networks

Blockchain Stamper interacts with different blockchains, both public and private.

Currently, the integrated networks are:

- **Private network Getronics**
- **Ethereum**
- **Alastria**

Note: These networks may or may not be available depending on the type of service agreement.

1. **Wise Library:** a series of predefined Smart Contracts that can meet most common functionalities.

2. **Deployment of Smart Contracts.**

3. **Execution of Smart Contracts.**

4. **Generation of a "Blockchain seal".**

SUMMARY OF SERVICES
Available

BLOCKCHAIN STAMPER

wisesecurity GLOBAL