

# Technology injecting trusted metadata into files using blockchain

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*Identificativo proposta:* TOFR20190117001 **RICHIEDI MAGGIORI INFORMAZIONI**

A French company from the computer programming sector invented an embedded protection technology to secure and ensure accuracy of files. The SME offers license agreements for its standard ready to use applications, licence & technical cooperation agreements for clients willing to integrate the technology within their own processes, and service agreements for people interested in their software as a service.

Existing solutions injecting metadata into documents take time and change documents format and readability. The French company found the way to inject trusted metadata into files without changing their format and readability. Files are timestamped in real time and their unique hash is anchored by default on the bitcoin blockchain to prove the existence of the file on a given date. By sealing proofs of integrity and authenticity in documents, people can be sure that the document is an unmodified original and know the author of it. The company also adds tags to facilitate search and allows cryptographic linking between files (versioning, appendix). They have three solutions, using the same technology, depending on the clients' needs : - the SME can implement its technology in an IT System or back office. It allows to sign, certify and secure business processes and easily verify integrity and authenticity for traceability requirements. This can be usefull for compliance and audit, inventory and traceability, repair tracking, and maritime e-release. - The SME has applications to secure corporate communication : press release, financial communication, pictures. - The SME has a SaaS (software as a service) offer to digitally sign files. The signatures are then at the "advanced" level of the eIDAS European regulation. This can be usefull for proof of receipt, proof of consent and contract. The company is looking to develop its business abroad, with a special interest for Germany, Switzerland, Italy and UK. The SME offers license agreements for its standard ready to use applications, licence & technical cooperation agreements for clients willing to integrate the technology within their own processes, and service agreements for clients interested in its software as a service offer.

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