ETHEREUM-BASED SOLUTION FOR LUXURY WATCHES

Industry

Watches & Jewelry

Technologies
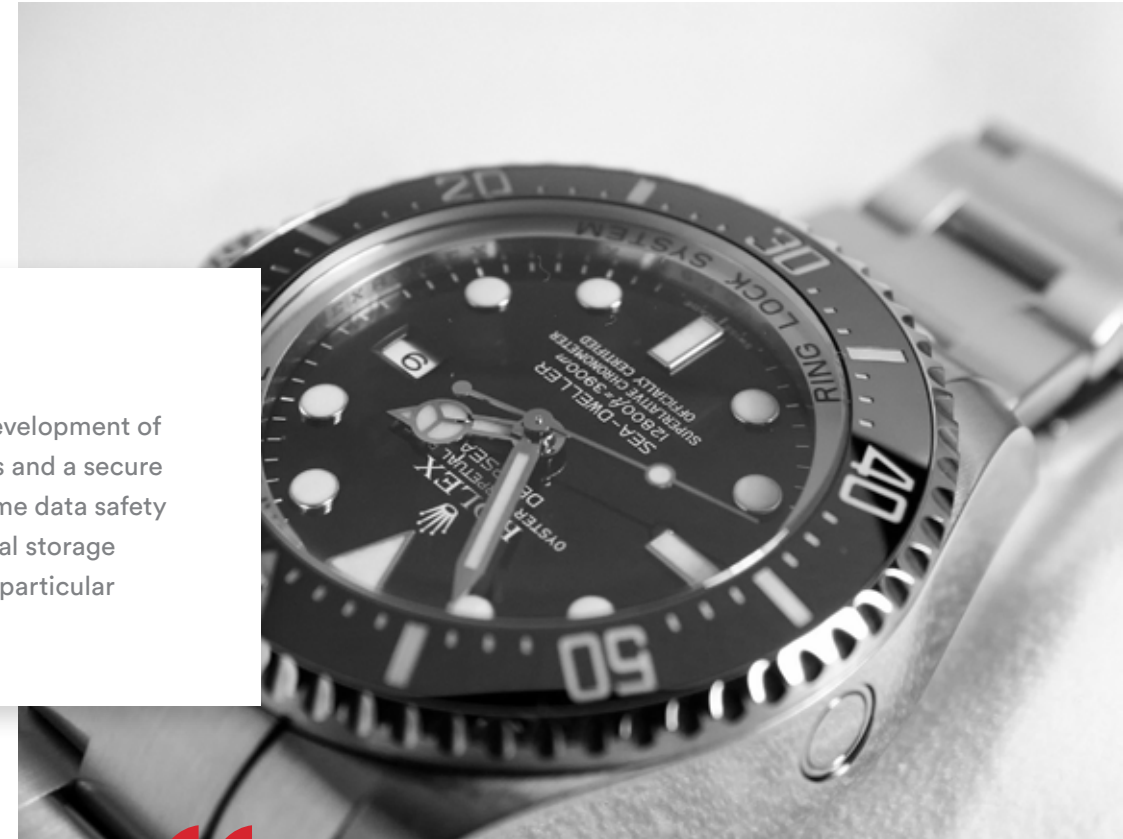
Ethereum | jQuery | Truffle Suite

ABOUT PROJECT

Our client, a Europe-based luxury watch manufacturer, required development of a decentralized database to store the profiles of elite class watches and a secure marketplace to facilitate their trade. Their objective was to overcome data safety and retention issues on the luxury watch market by creating a global storage platform that could provide data related to the entire lifecycle of a particular timepiece.

THE REQUIREMENT

- Development of a decentralized luxury watch database
- Generation of digital certificate to verify the watch's authenticity
- Implementation of a secure marketplace that allows watch users to see offers & items for sale
- Multi-stakeholder model

> " The Ethereum-based solution provides users with an effective and secure platform to register, verify and trade their luxury watches. And the user gets a secured Blockchain Database. "

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CONSULTANCY – DEVELOPMENT – SUPPORT

THE CHALLENGES

- Overcoming the encryption issues
- Running complex algorithms
- Generating a digital certificate

THE SOLUTION

- Development of an Ethereum-enabled solution that consists of a decentralized database and a secure marketplace
- Implementation of Truffle Suite framework
- Generation of an Ethereum-based certificate that cannot be falsified
- Multi-stakeholder model: luxury watch owners, manufacturers and dealers
- Key functionalities: watch registration, verification and monitoring

THE EFFECT OF THE SOLUTION

One stop solution to monitor complete lifecycle of a watch

Watch provenance and authenticity

Elimination of data loss or alteration

Easy-to-use marketplace

HELIOS
SOLUTIONS