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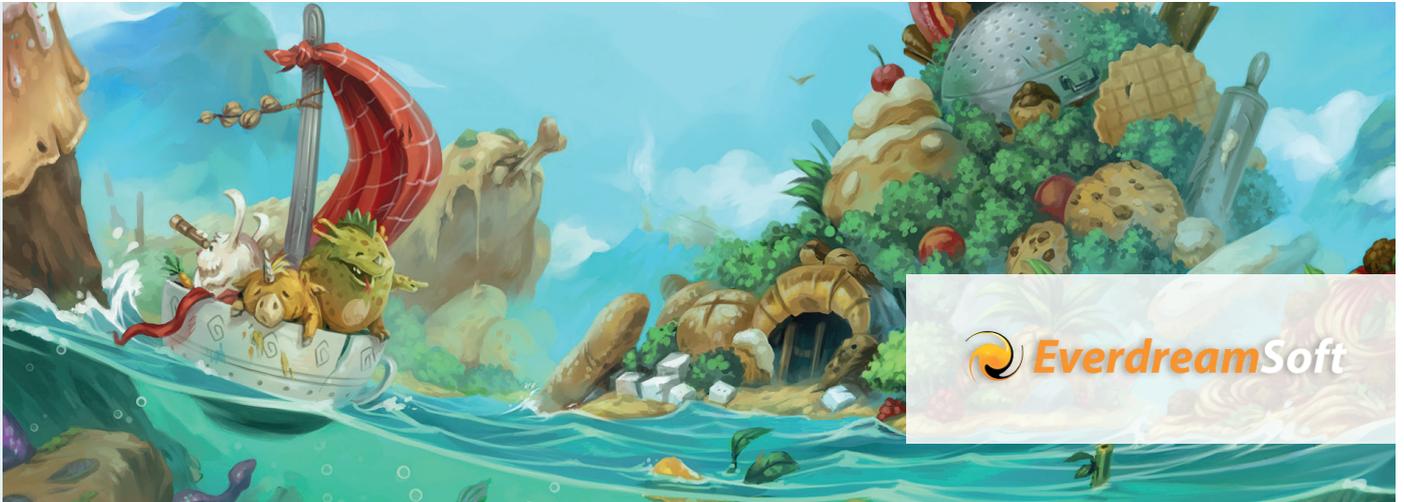
Crypto currency reporting and Virtual assets monitoring

Customer

EverdreamSoft S.A.
(www.everdreamsoft.com)

Region

Genève, Suisse

Industry

Mobile games, blockchain
gaming tools, exploring
new technologies and their
integration in the gaming
industry

Department

Finance, Opérationnel

Solution Jedox

Financial and virtual assets
monitoring

System Environment

Blockchain – Common Ledgers
of cryptocurrencies

The company

EverdreamSoft SA (EDS) is a Swiss-based company specialized in the development of mobile games, blockchain gaming tools, but also in exploring new technologies and their integration in the gaming industry.

With its flagship game Spells of Genesis, publicly launched on April 2017, EDS has pioneered "true ownership" of digital assets to their players, while building a base for blockchain integration in games. The company has developed bitCrystals.com, a Blockchain Publishing Platform which allows more game studios and artists to embrace blockchain technology and issue collections of blockchain assets.

EverdreamSoft receive payment in BitCrystals their own currency but also several different tokens and cryptocurrencies.

Context / Needs

Everdreamsoft SA is working in a particular virtual context: it has to manage the exchanges of numerous and various cryptocurrencies whose values fluctuate daily depending on the value of national currencies and on the trust investors have into these cryptocurrencies. Moreover, EDS is owning and creating true ownership of virtual assets.

Thus, the challenge for EDS was to establish a report of all its assets, cryptocurrencies and virtual assets, their value when bought and their real-time value. Another difficulty is to visualize the actual financial estate of the company in order to estimate the worth of each asset.
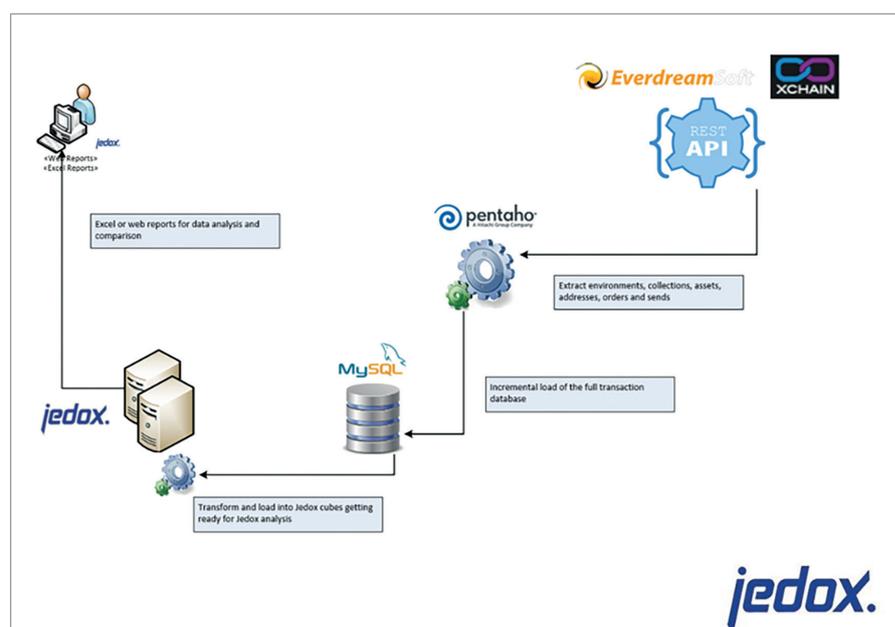
Users
▸ 3 power users

Why Jedox?
▸ Quick learning curves
▸ Excel integrations
▸ Autonomous
▸ Easy to add new reporting or functionalities

At first, EDS had to extract its data manually in its numerous wallets or ledgers and create a report that can be incomplete due to the difficulties to read the data in the common ledger of each cryptocurrency. This work turned out to be time consuming as well as an error-prone practice.

Jedox Solution has been chosen to ease the process with automatic extraction of data in the different common ledgers. It simplifies data extraction in real-time and allows performance in analysis review and modelling as well as the creation of ad'hoc reports with comprehensive and consolidated database.

Implementations

The implementation is based on Jedox and Pentaho Data Integration (PDI). The source data coming from XChain, a blockchain explorer, reccording all tokens transactions on bitcoin blockchain is extracted, transformed and loaded every day by using PDI. Then, it is loaded into a Jedox database by using Jedox Jobs and Loads in order to get it for the corresponding Jedox analysis and reports.

Fast implementation and Facilitated Transfer of Knowledge

Linalis and EverdreamSoft have jointly defined technical requirements of the project. One of the main challenge was to understand the complexity of the cryptocurrency ecosystem in using exchanges and making trades, as well as implementing an algorithm to connect them together. Moreover, EverdreamSoft needed to see the value of each of their assets on a daily basis, to be able to compare their values in different currency.

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Linalis and EverdreamSoft have jointly defined quick wins on needed data set and reports to build. As the community grows and the market evolves, new reports or monitoring on users behavior are needed.

Linalis still offers support to Everdreamsoft throught the development of new functionalities.

Solution & Benefits

Linalis solution allows EverdreamSoft's users to:

• Monitor crypto currencies ownership
• Monitor user's behavior with BitCrystals and other currencies
• Market analysis
• Build accounting reports

Results

The solution allows EverdreamSoft SA to establish real-time financial reports on the status of its assets whether cryptocurrencies or digital assets.

"The Jedox Solution has tremendous simplified my reporting work and optimize my time on managing the different point of sales."

Thomas Mossimann, Financial Manager at McDonald's Switzerland

Partner: Linalis

Founded in Geneva in 2002, Linalis is a Swiss IT company specialized in BI and Performance Management. Linalis's expert team help financial department of PME and multinational companies to integrate and customize business solution on:

• Budget and Forecast planning
• Costs Allocation
• Financial and Operational Reporting (Sales, HR, Cashflow, Marketing, Stocks,..)
• C-level Dashboards

Once the solution is delivered, clients can better mesure their performances and be autonomous at the business level on any additional reporting needs.

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