GUICHET VIRTUEL
SOLUTION DE SÉCURISATION ELECTRONIQUE DES DOCUMENTS &
SERVICES ADMINISTRATIFS
« La Blockchain au service de la confiance numérique en Suisse, sur le modèle Estonien »

VIRTUAL COUNTER
SOLUTION FOR SECURING DOCUMENTS AND ADMINISTRATIVE SERVICES ELECTRONICALLY

"Blockchain aimed at raising digital trust in Switzerland, based on the Estonian model"

The pilot project was a pragmatic and rigorous demonstration of how the canton of Jura, in its "vision of digital trust" of the state, has used a first concrete scenario to implement innovative solutions for the benefit of citizens, legal entities, the administration, its IT services and the government.

The approach used in this pilot project and the technological solutions also achieved the goal of demonstrating the benefits of expanding the pilot project experiment to accommodate other citizen requests submitted via a virtual counter of the canton, i.e. securing requests using KSI timestamping and securing official documents via CERTUS where required due to the intended use.

Using a model inspired by the current pilot project carried out by the Republic and Canton of Jura, the various stakeholders can implement and generalise the use of KSI timestamping and the securing of documents via CERTUS.

Thanks to the additional services such as CERTUS proposed as part of the project, both data and documents of citizens and the state will be protected from potentially fraudulent manipulation and unauthorised access. A key insight into promoting digital trust that has emerged from the realisation of this project and initial feedback is communication and the ability to explain new technologies and their benefits clearly and simply for all concerned, from citizens to decision-makers. Preparatory work has thus begun on communication material to assist everyone in understanding and adopting the creation of a permanent trusted space, especially as regards sustainability. As a matter of fact, these new services support the digitalisation of services without adding to the carbon footprint, and the digitalisation of services reduces the need to print out and transport documents in hard copy.

Therefore, as in the Estonian example, KSI blockchain technology is used to strengthen the integrity of government data and systems. Digital governance is turning strategic, in order to improve a country's competitiveness and increase the wellbeing of its population. The aim is to ensure that the state functions transparently on a 24/7 basis. The protection of personal digital data is, without any doubt, the cornerstone of trust in a state's virtual administration.

For the Republic and Canton of Jura, the planned applications may be very wide-ranging and have yet to be precisely defined, but they must ensure security and transparency on the functioning of the state and the efficiency of the services provided by using technological solutions to instil even greater trust.

White Paper conclusion in English (chapter 6), the original version is French

In future, it is conceivable that services could be extended to include all decision-making processes, guaranteeing the consistency, traceability and authenticity of decisions in a transparent manner.

White Paper, 18.01.2021, Republic and Canton of Jura