



Akinox Surpasses Expectations in Delivering Blueprint, its Cutting-Edge Digital Credential Verification Solution for the Government of Canada

Quebec, QC, February 27, 2025

Akinox has successfully completed its testing contract with Shared Services Canada (SSC) for Akinox's Blueprint, an integrated platform for verifiable credentials. This advanced solution helps organizations seamlessly integrate digital verifiable credentials. Akinox's Blueprint qualified for a contract under Innovative Solutions Canada's (ISC) Testing Stream (ISC-TS). ISC is a Government of Canada program under Innovation, Science and Economic Development Canada (ISED) with 21 core Departments participating in the ISC Program.

Akinox's Blueprint addresses the following challenge: developing digital trust services and technologies to enable the use of digital credentials, making it faster and easier for organizations and individuals to conduct secure digital transactions across the economy and society. These capabilities include:

- a) Issuing and verifying services
- b) Digital wallets
- c) Trust registries

Akinox's Blueprint offers numerous use cases. For instance, government entities from different jurisdictions can issue digital credentials such as driver's licenses or other ID cards that are digitally signed. The Blueprint software allows the citizen to obtain their credentials, securely store them on their personal devices (i.e., in their Apple or Google Wallets), and enables relevant third parties to verify them.

Akinox's Blueprint conforms to the World Wide Web Consortium's (W3C) Verifiable Credentials Specification, issuing digitally signed and verifiable credentials using symmetric cryptography. It has several components that are interoperable and can be utilized independently or collectively. It features a public key distribution system to enable third-party verification and employs mobile and web applications to authenticate physical identity documents in compliance with the ICAODoc9303 standard, utilizing RFID chip data extraction or OCR. It has a credential verification solution that verifies digital signatures and includes a mobile application serving as a credential holding and presentation solution (wallet), which enables individuals to securely store and present credentials using ISO/IEC18013-5:2021 compliant methods like 2D barcode or NFC, while also providing the option to selectively share identity elements. The organization can implement role-based permissions, single sign-on, and white labelling of Blueprint. A QR code supports easy interaction with Verifier applications. The issuer of the credential can revoke its verification, which automatically updates in the credential wallet.

This solution allows individuals to securely store and manage identification cards, digital keys, and even parking permits in their digital wallets. Additional advantages include compatibility with Google and Apple wallets, bilingual ready, and API integration.

Akinox's Blueprint met all objectives for solution validation, user acceptance, usability, accessibility, technical conformity, interoperability and performance and exceeded expectations on all scoring criteria. Key feedback included:

- Modern and Clean UI
- Intuitive Login Process
- Interactions were Familiar and Intuitive
- Natural Flows
- Quick Scanning (for verifier app)

A total of 459 accessibility audit checks were conducted on web and mobile, with the Blueprint achieving an impressive 93% alignment with [Government of Canada Accessibility Guideline on Making Information Technology Usable by All](#).

"Akinox's vision for an integrated platform for verifiable credentials is to enable seamless, secure sharing of trusted information across organizations", says Alexander Dahl, Akinox CEO and Founder. "We take pride in being a trusted technology partner for provincial governments, delivering secure credentialing solutions to millions of citizens across the country."

Contact Akinox for more information at <https://www.akinox.com/contact>.

About Akinox

Founded in 2010, Akinox is a Canadian company specializing in delivering large-scale digital solutions with speed, agility, and a commitment to innovation. With expertise in designing and implementing interoperable systems, Akinox connects organizations and streamlines processes across provincial and regional networks.

As a trusted technology provider to Canadian governments, Akinox drives innovation and delivers impactful solutions tailored to meet complex needs. Guided by a deeply rooted passion for change and a spirit of service and humility, we are honored to create a tangible difference in the lives of millions.

To date, Akinox has proudly served more than 10 million users, contributing to more efficient, connected, and responsive systems.

About Innovative Solutions Canada

Innovative Solutions Canada (ISC) Program is an initiative designed to stimulate technology research, development, and commercialization of Canadian innovations. The program's Challenge Stream and Testing Stream help startups and small/medium-sized businesses (SMEs) overcome technology testing and development hurdles so that they can produce globally-demanded products and services, while also improving government operations.