



CART.IS INITIATIVE

Mapping of Information Systems and Interagency Information Exchange

In the dynamic realm of global trade, digitalization is not just an advantage; it's a necessity. However, government agencies often operate in silos, leading to disjointed and inefficient attempts at implementing IT and digitalization initiatives. This fragmentation results in:

- Inconsistent data management and IT systems across different agencies.
- A lack of a unified view on the state and needs of IT infrastructure.
- Inadequate coordination and communication between different government agencies hinder effective policy and decision-making processes.

These issues complicate the landscape and obscure visibility into the current state of IT infrastructure, making it difficult to identify gaps and areas requiring urgent attention. The absence of a government-coordinated approach exacerbates these challenges, leaving critical digitalization needs unmet and impeding the delivery of efficient and streamlined services to the public.



A Holistic, Government-Wide Approach to Digitalization

The CART.IS Initiative offers a holistic approach that involves all levels of government in a coordinated effort to overhaul IT systems and develop paperless trade strategies.

CART.IS aims to assess and fortify inter-agency and interstate flows of electronic information exchange while enhancing overall connectivity at the regional level.

CART.IS Key Objectives

- Identify how traders and government agencies share information to receive services (in-person contact or electronic form).
- Revise existing IT solutions of government agencies so as to identify the level of data harmonization and their compliance with international standards.
- Visualize the flows of interagency and cross-border information exchange and identify bottlenecks that limit the ability to receive data from verified sources.
- Update national programs for the digitization of government services and the automation of government agencies that regulate international trade.
- Recommend directions for the development of cross-border information exchange.

The Digital Mapping Methodology

The methodology proposed by the International Trade Centre (ITC) for conducting the digital mapping exercise offers a comprehensive approach for collecting and analyzing data surrounding trade procedures while following the international paperless chain model.



Figure 1. CART.IS methodology steps

Mapping Can Offer Tangible Recommendations with High Level of Clarity

Analyzing each service based on specific metrics allows for the creation of a matrix indicating the current level of service automation and determining the key areas to work on in the country.

Visualization of interagency information exchange flows helps to gain an understanding of the current state of automation of government services.

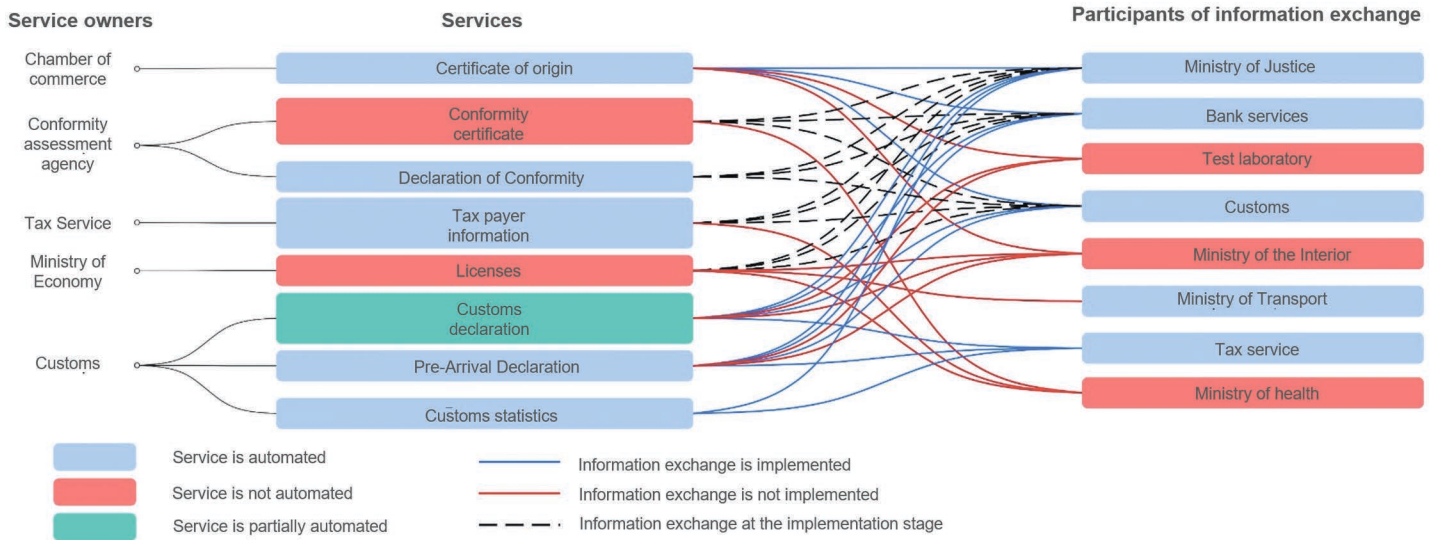


Figure 2. An example of the matrix indicating the current level of service automation

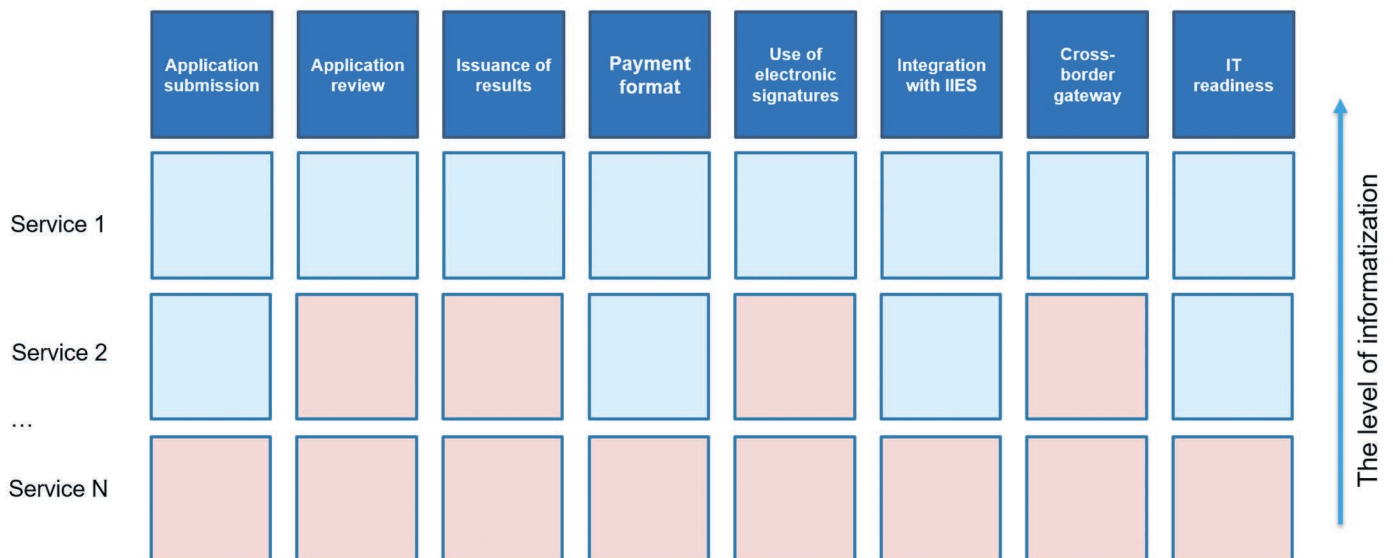


Figure 3. An example of the map of interagency information exchange

About Ready4Trade Project

CART.IS initiative is being implemented within the framework of the Ready4Trade Central Asia 4-year project implemented by the International Trade Centre in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan, with financial support from the European Union. The project aims to support the development of intra-regional and international trade.



CART.IS is an easy-to-use and accessible tool based on a proven methodology. You can use it for self-assessment with your own team. Additionally, the **ITC is available to provide assistance and support** and even conduct research on your behalf if you express interest.

Contact Us to Get Started!

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