



# Enhanced Security for the Issuance Platform of eID Documents and their Lifecycle management

eID project under control of Government authorities, **not supplier!**

# Agenda

- Recommendations for eID/ePassport Project
- Risks of eID Document Personalization Process
- Benefits for end-users
- About the company

A man in a white shirt is seen from the back, drawing a path through a complex maze on a chalkboard. The maze is drawn with black lines, and the path he is drawing is highlighted in white. The path starts from the left side and moves towards the right, ending in an arrowhead. The background is a grey wall with the maze pattern.

# RECOMMENDATIONS for eID/ePassport Project

# Recommendations for eID/ePassport Project

## FULL CONTROL



Ability to control complete project and operating system

## ACCESS TO BIOMETRIC DATA



Acquisition and access to biometric data (face, fingerprints, iris)

## MODULAR APPROACH OF SYSTEM



Capability to switch from one solution component to another

## BIOMETRIC DATA VALIDATION



Biometric data validated against ICAO

# Recommendations for eID/ePassport Project

## PMS SYSTEM



Transparency and tracking of document production steps (incl. distribution and activation)

## IDMS



Identity Management System  
(tracking of all steps)

## POST ISSUING SYSTEM



Post issuing update of eID card chips

# Risks of eID Document Personalization Process

- Human interaction mistakes can lead to system failures.
- Ineffective document production system.
- Impossible to track errors for large scale of information flows caused by external system (data input) and data preparation.
- Issuing of incorrectly personalized documents or production of duplicates.
- Lack of stock control over booklets at warehouses and during the process.
- Unfeasible to store track records of all operations.



# Benefits for end-users

- Easy & fast application for identification documents.
- Tracking status of document production.
- Guaranteed document delivery time.
- Document is sent by posts and activated after delivery.
- We recommend using fingerprint matching to verify the document holder.
- Content of eID card and non-ICAO applications securely updated after distribution and delivery.



A photograph of a business meeting in progress. Several people in dark suits are seated around a glass-topped table. One person in the foreground is writing on a document with a silver pen. In the background, another person is looking at a tablet. A glass of water is on the table. The scene is brightly lit with a blue and white color palette.

# ABOUT US

# Who we are

**X INFOTECH** is a global provider of software solutions for the **issuance, management and verification** of identity documents and smart cards.

**X INFOTECH** helps governments and local document producers to implement e-ID programs, providing the IT infrastructure and empowering them to take **full control of their projects and businesses.**

**X INFOTECH** ensures **absolute security** and meets all international standards requirements.

# Projects completed

Latvia



Sweden



Netherlands



Italy



Bangladesh



Ethiopia



Libya



Estonia



Finland



Bulgaria



Kazakhstan



Kenya



UAE



Macedonia



Lithuania



Norway



Austria



Saudi Arabia



Jordan



Guatemala



Egypt



Poland



Germany



Switzerland



Azerbaijan



Ukraine



Armenia



Ireland



# Case studies

**Electronic Passports:** BAC, EAC, SAC documents (Ireland, Liechtenstein, European Union).

**Electronic ID cards:** ICAO and ICAO/PKI multi-application cards (Latvia, Ireland, Moldova, Uruguay).

**Social cards:** combined ID and payment cards (Latvia, Egypt, Kenya).





**THANK YOU FOR YOUR ATTENTION!**

**Sergey Yeliseyev**

X INFOTECH

Business Development Director

[sergejs.jelisejevs@x-infotech.com](mailto:sergejs.jelisejevs@x-infotech.com)

+371 29430303