HJP CONSULTING.

Ministry of Interior
Abu Dhabi Police
United Arab Emirates

Smart Solution Consulting for National Public Key Directory (NPKD system)

Electronic passports are embedded with a chip that prevents the undetected manipulation of the personal data of the passport holder. Using the Public Key Directory of the ICAO, border control authorities can verify the authenticity of the passport data. They rely on having access to prequalified certificates, called Document Signer Certificates, and other public key infrastructure (PKI) data from active ICAO member states.

THE PROJECT DESTINATION

The project objective was to deliver a solution for the implementation of a National Public Key Directory (NPKD) to enhance the inspection of e-passports at U.A.E. border control by using the digital certificates retrieved from the ICAO PKD and ensure tamper-proof and efficient verification of biometric passports.

KEY SUCCESS FACTORS

>> Combining local requirements with international standards by the International Civil Aviation Organization (ICAO)

>> Extensive know-how of PKI infrastructures and technology as well as of the ICAO Public Key Directory

>> Many years of experience in conformity and acceptance testing of smart card systems including PKI

>> Expert for PKD training

HOW DID WE HELP THE CUSTOMER TO GET THERE?

HJP worked closely with the relevant departments in the Ministry of Interior and provided all services related to system integration, including planning, testing and project management.

HJP's work comprised of the specification of the national PKD (NPKD) solution including border control integration, system integration services to implement the software solution from two suppliers into the existing legacy system and testing of the supplied solutions. HJP further monitored the pilot phase and change management as well as the roll-out to 400 clients at border control checkpoints.

Navigating the complexity of e-identity is a challenge. We find ways.

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