



Ministry of Interior United Arab Emirates

Smart Solution Consulting for e-passport issuance system

The e-passport is a token that forms part of an open-ended and heterogeneous IT system. Many independent industrial companies and government organizations contribute to this IT system. To tackle the challenges of implementing e-passports and to successfully manage such projects, HJP recommends the following six steps: Initiating - Planning - Procuring - Implementing - Approving - Operating.

THE PROJECT DESTINATION

The project involved the issuance of 2 million electronic passports per annum. The new e-passport issuance system was integrated into the existing complex electronic ID infrastructure. A PKI infrastructure was deployed and a connection to the ICAO PKD was established.

KEY SUCCESS FACTORS

- >> Combining local requirements with international standards (ICAO)
- >> Turning requirements into a detailed technical system architecture used in public tender process
- >> Guidance for the selection of new PKI infrastructure and biometric technologies
- >> Intercultural project management co-ordinating international teams

HOW DID WE HELP THE CUSTOMER TO GET THERE?

HJP provided consultancy services and project management for the planning, procurement and approval of the new e-passport issuance system. HJP conducted a field study to assess the current state of the passport system and the feasibility of the project. The HJP team developed the project management requirements as well as the technical requirements specifications, including the specifications of the electronic passport document and the system architecture. The system architecture defined all workflows, processes and use cases and further specified the required infrastructure and components for the complete system - from enrolment, passport holder management, key management, personalization to delivery. The HJP experts composed the Request for Proposal (RFP) and evaluated the submitted bids using a model-based evaluation method. They further provided technical supervision in the implementation phase as well as test and approval services for the e-passport solution.

