

3 Solution Overview

The personalization solution is a solution for the management of the personalization of Jordan eID cards. The solution modules include an enrolment system, a card management system (CMS), and a post-issuance system (PIS).

The CMS for Jordan eID is a system that allows managing all the requests received by the enrolment system.

Generally, the system handles the data validation, data preparation, the sending of data to PWS and QC for personalization and quality control, respectively, and keep track of the status of the card after it is handed out to the citizen.

3.1 Component Diagram

The CMS is a central component of the solution and it interacts with many components. Figure 1 shows an overview of the solution components and their interaction with the CMS.

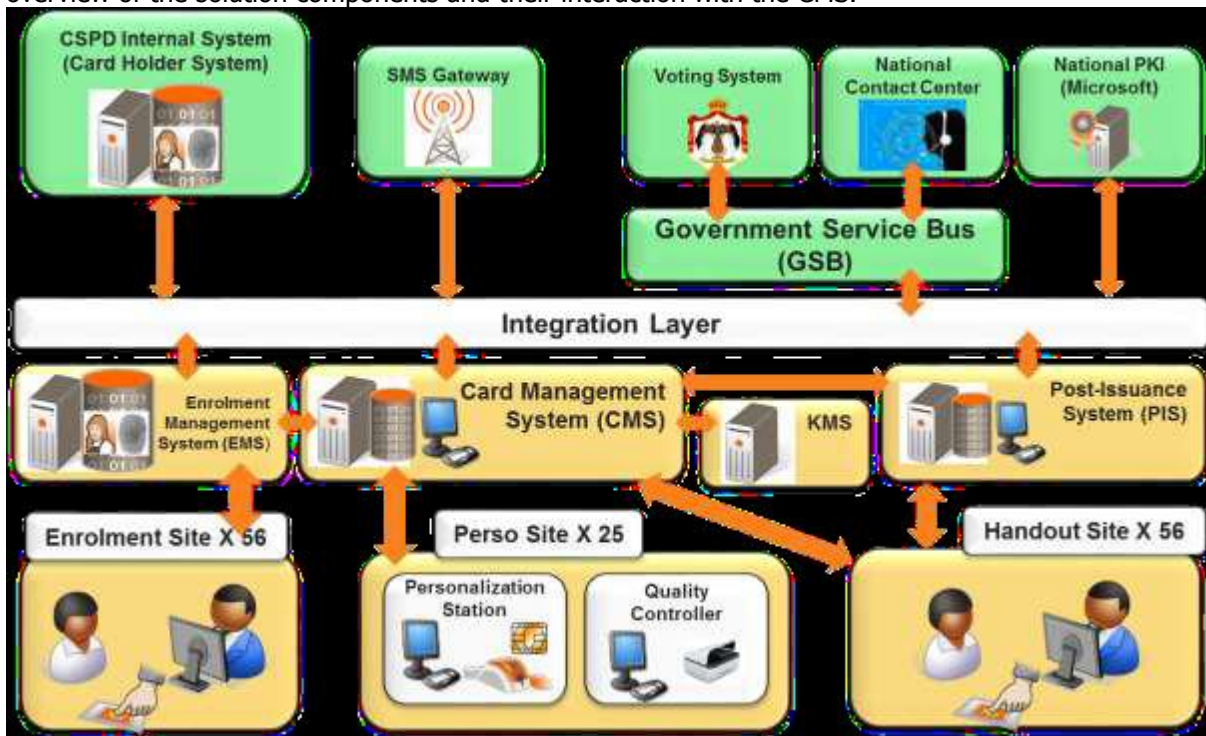


Figure 2 – Solution Component Overview

3.2 External Components

The CMS requires or provides an interface with external components via WS or connectors.

- **Enrolment System:** component connecting to the CMS to send production requests and that the CMS is connecting to in order to send production notifications.
- **KMS:** component the CMS is connecting to during the data preparation for cryptographic services.
- **The National PKI:** component the CMS is connecting for Certification Authority services.
- **Personalization Workstation (PWS):** component connecting to the CMS during personalization.
- **Quality Control Workstation (QC):** component connecting to the CMS during quality control.

Reference: Jordan_eID_RQS_CMS Version: 1 . 1

SRS : Solution Requirements Specification

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- **National Contact Center:** component connecting to the CMS to request the status of the citizen

application status and change the status of the card to stolen/lost.

- **The SMS Gateway:** component the CMS is connecting to in order to send SMS messages to the citizen.
- **The Handout Workstation (HWS):** component used during the handing out of cards to the citizen.
- **CSPD Internal System:** component the CMS is connecting to in order to send card handout notifications.
- **The Post-Issuance System (PIS):** component connecting to the CMS after the card has been handed out.

For non-Gemalto components (National PKI, SMS Gateway, CSPD Internal System, National Contact Center),

the CMS connects and is connected to through the Integration Layer.