

INTER-REGIONAL STANDARDIZATION FORUM FOR BRIDGING THE STANDARDIZATION GAP (BSG)

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Arab ICT Organization
(AICTO)



Information Technology
Authority
Sultanate Of Oman



International
Telecommunication
Union (ITU)



African Telecommunication Union (ATU)



National Digital Certification Agency
Tunisia

Egyptian E-Signature Infrastructure

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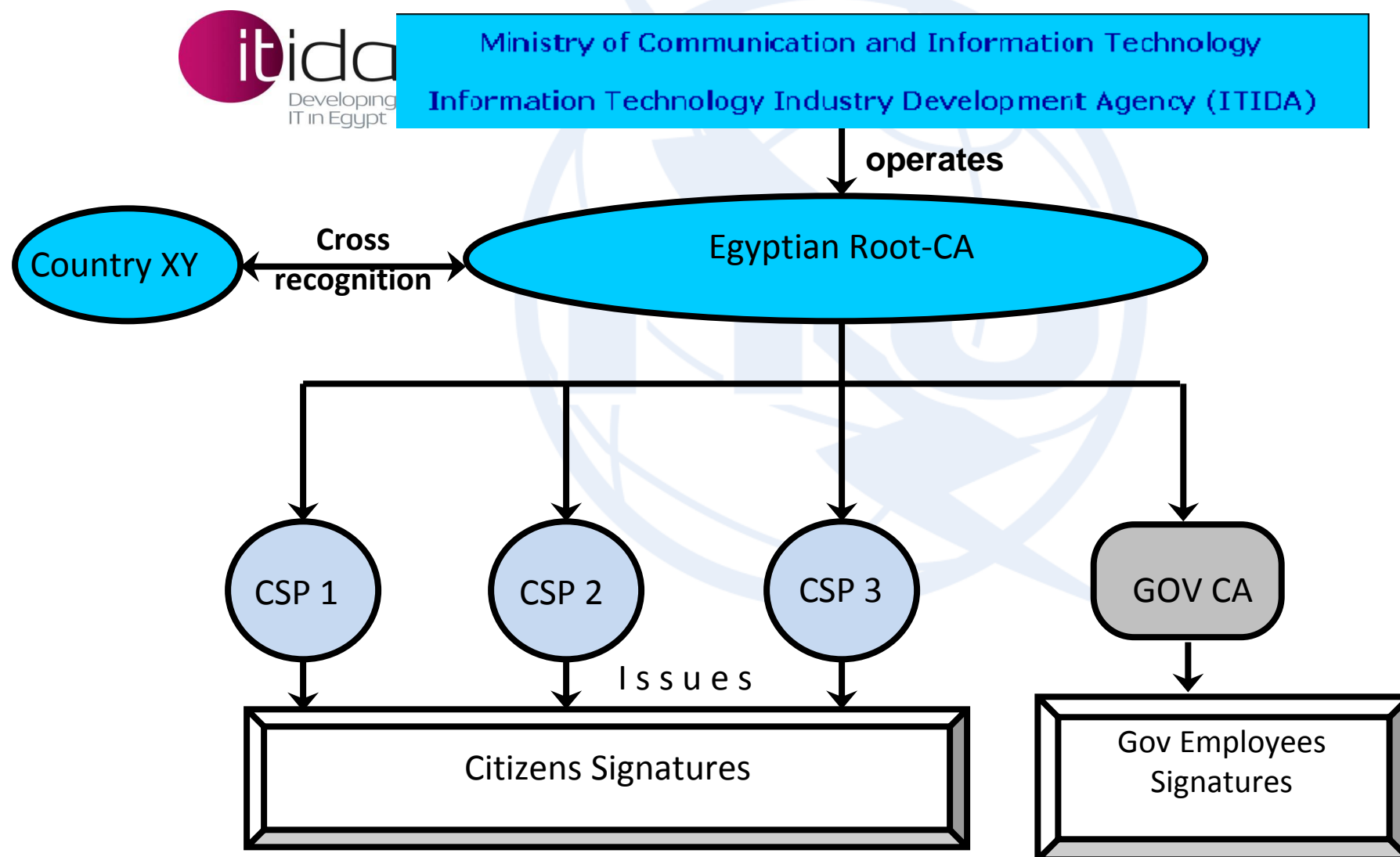
E-Signature Strategy

- Establishing Egyptian Public Key Infrastructure suitable for securing and facilitating E-Commerce, E-trading and E-government applications.
- Creating the National Root CA conformant to the international standards and **100% Egyptian implemented/operated**, capable of cross recognition with other international Root CAs.
- Building the required human capacity to support E-Signature framework.
- Developing the required applications/middleware for E-signature.

Egyptian Government Efforts

- In April 2004, Egypt passed the Law 15 Regulating Electronic Signatures (or the “E-Signature Law”)
- The E-signature Law also established the E-signature regulatory authority, officially known as the Information Technology Industry Development Agency (ITIDA).
- The Egyptian E-Signature Law supports G2G/C2G/B2G/C2B applications.

Egyptian E-Signature Framework



Achievements.....

- Root CA main trust center with 6 IT fortified rooms and more than 40 different types of servers and security equipment have been implemented to operate 24/7 **by 100% highly trained Egyptian staff.**
- Egypt Root-CA provides OCSP and TSP services.
- Three private CSPs are ISO 27001 certified and passed ITIDA audit (financial, legal and technical).
- The Three deployed private CSPs have been securely connected to the Root CA main trust center to maintain a copy of all the issued digital certificates and CRLs to maintain client rights in case of disaster and are ready to issue digital certificate private sector under the hood of Egyptian Root CA.

Continue.....

- Establishment of E-Signature Competence Center (ESCC) to provide the following services:

PKI Consultation

PKI Applications

**Enabling E-Signature in
Governmental Entities**

**Training Gov. Employees on
E-Signature Applications**

Continue.....

- Success Stories with almost 12,000 Citizen Signatures and 20,000 Governmental Signatures:
 - Egyptian Cabinet
 - Central Bank of Egypt
 - Suez Canal Authority
 - Damietta Port
 - NTRA
 - Ministry of Investment
 - Smart-Phones Applications

Thank You

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