Arab ICT Organization (AICTO)

Information Technology Authority Sultanate Of Oman

International Telecommunication Union (ITU)

African Telecommunication Union (ATU)

National Digital Certification Agency Tunisia
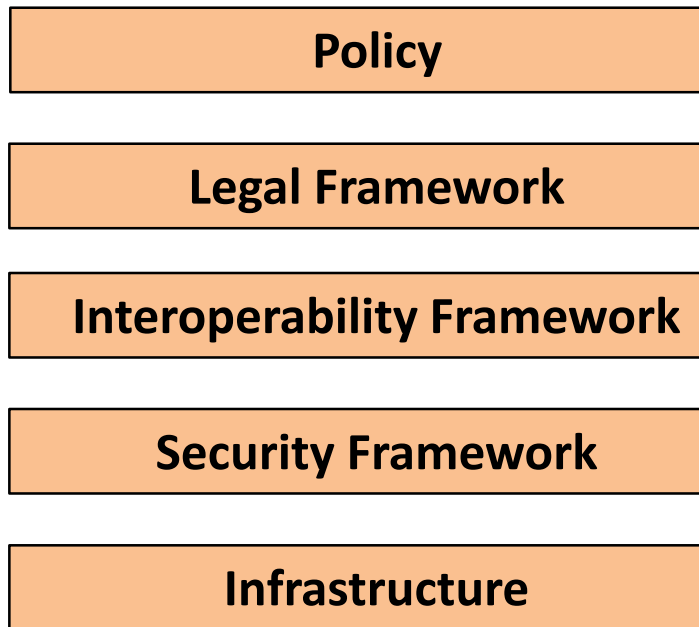
eGov. Framework

Yousef Ertahi

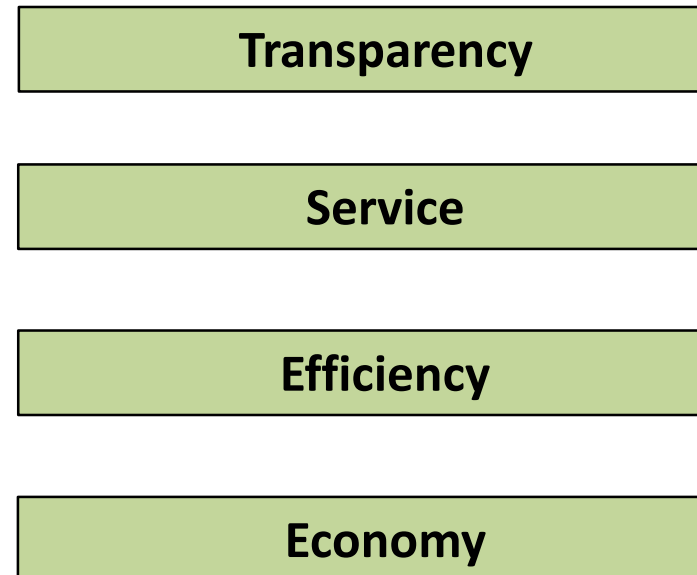*eGov Partnerships manager, Ministry of Telecom. & IT, Palestine*

MTIT

- MTIT was formally created in 1994
- The Ministry's mandate includes regulating the ICT sector, the e-Government, and the postal services.
- The Ministry's organizational structure consists of General Directorates and Departments, including:
  - E-Government General Directorate,
  - Telecommunication General Directorate
  - Frequencies General Directorate
  - Postal Services General Directorate
  - IT General Directorate
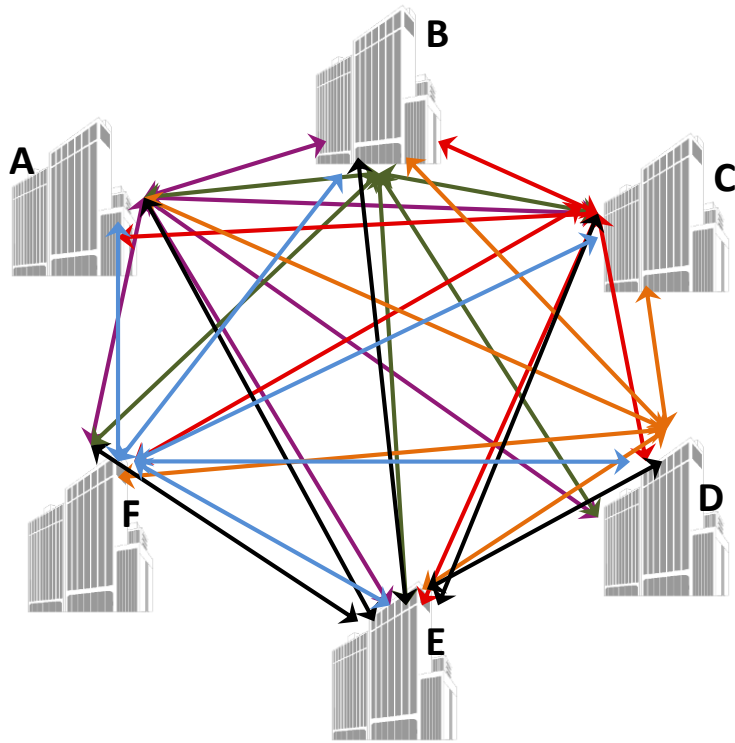 - the Government Computer Centre.

eGovernment

Layers

Policy
Legal Framework
Interoperability Framework
Security Framework
Infrastructure

Goals

Transparency
Service
Efficiency
Economy

Zinnar FW for Semantic Interoperability

- a "Framework" to agree on the naming, meaning, structure of the data

- "ad-hoc" " is not scalable.

Zinnar FW for Semantic Interoperability

Palestinian Data Exchange Layer X-Road for Technical Interoperability

- Connects G2G e-services
- Connects information systems through adapter servers, mainly using web services.
- Facilitates and simplifies government processes and integration by connecting and mediating all communications and interactions between heterogeneous nodes.
- Secure inter-ministerial data exchange layer based on PKI
- Provides access control on service/institution level.

Palestinian Data Exchange Layer
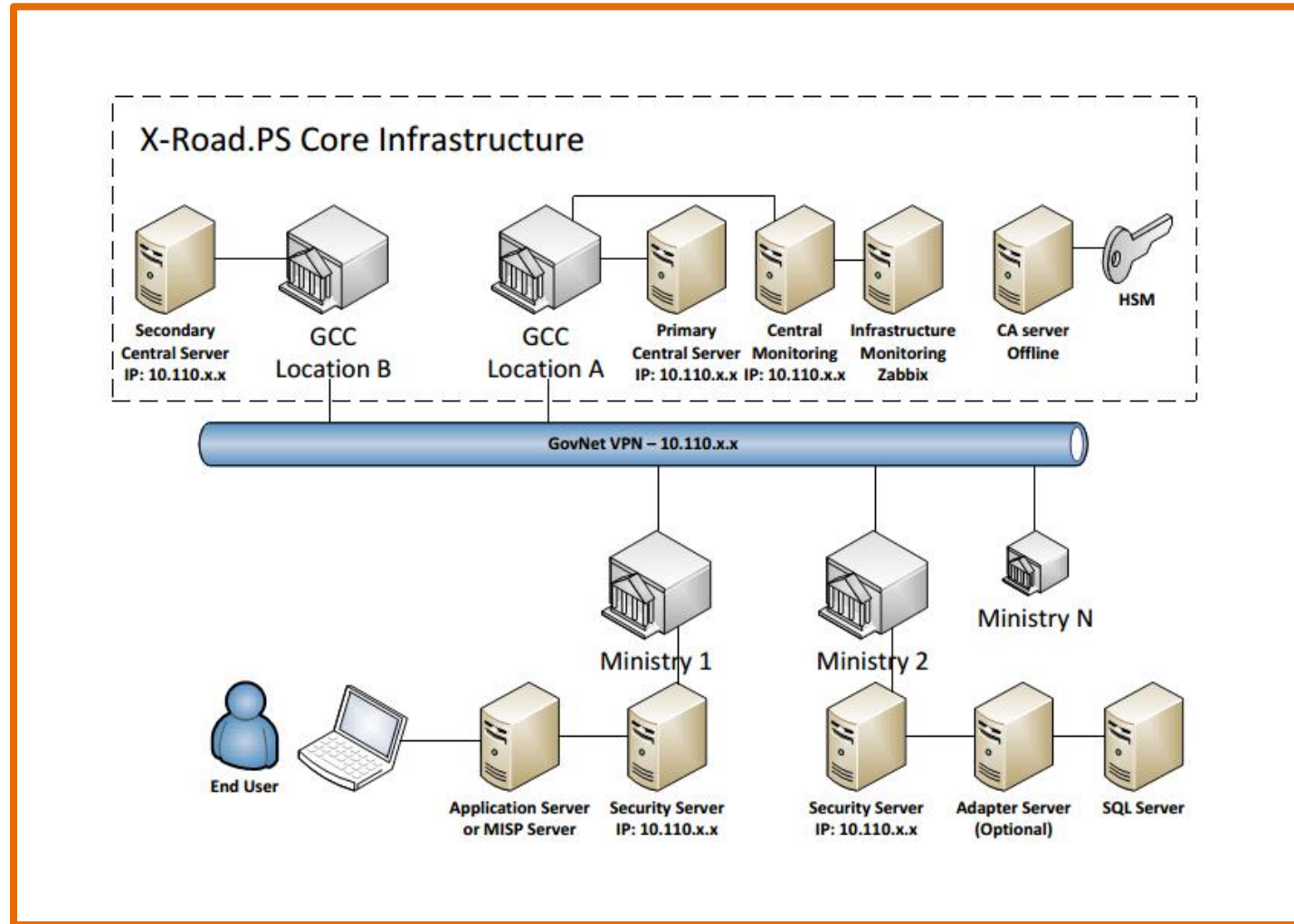
G2G E-Services

- We avoided legal lack by Signing MoUs Between Ministries for exchanging data via e-services.

Other PKI Projects

- Palestine Monetary Authority (PMA) connected with Banks via PKI environment

- Project for eID smart card implemented by Ministry of Interior MoI

Legal Framework
E-Transactions Law

- Drafted by a committee consisting of 8 ministries and headed by the MTIT.

- The law is enacted and has been effective starting July 2017

- The Law governs all electronic transactions, payments and signatures including those between the government and the citizens.

- The main component covered by the Law that is essential for e-government implementation is the e-signature.

Legal Framework
e-Certification Unit at MTIT

- The Law identified the Certificate Authority of State of Palestine as a Unit under MTIT (the CA Unit).

The main functions of the CA Unit based on the law are as follows:
- Issue the decisions, instructions and orders needed to implement the Law.
- Prepare the bylaws needed for E-Transaction Law implementation
- Provide the digital certification and digital signature services;
- Organize, operate and manage the digital certification and digital signature tools.
- Supervise and Monitor the digital certification and digital signature service providers.
- Conduct research and prepare studies in relation to the E-Transactions and digital signature;
- Signing Mutual Recognition Agreements with international bodies;
- Representing the state in the conferences, workshops and trainings related to the e-Transactions and digital signature subjects

Legal Framework
e-Certification Unit at MTIT

- Looking forward for cooperation!
    - Legal
    - Policies and operation
    - Technical

Thank you!