

Electronic Government of Syria

By:

Ali Ali



Agenda

- 1 Intro
- 2 E-GOV
- 3 Projects
- 4 Strategies



Infrastructure..... NOW

xDSL	2010	2015	2020
Subscribers	216,000	454,500	1,500,000
Tarassul (%)	71%	58%	67%

IGW	2010	2016	2020
BW (Gbps)	6	110	390



Infrastructure..... NOW

GSM	2010	2015	2020
2G (M)	13	12	14
3G (M)	200,000	2	2
4G (M)	0%	0%	3

□ The telecommunications sector in Syria participated in a contribution of:

- ✓ 8.55% of GDP in 2017
- ✓ 8.74% of GDP in 2018



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Intro

E-Government

Is the use of **technological communications** devices, such as computers and the Internet, to provide **public services to citizens**

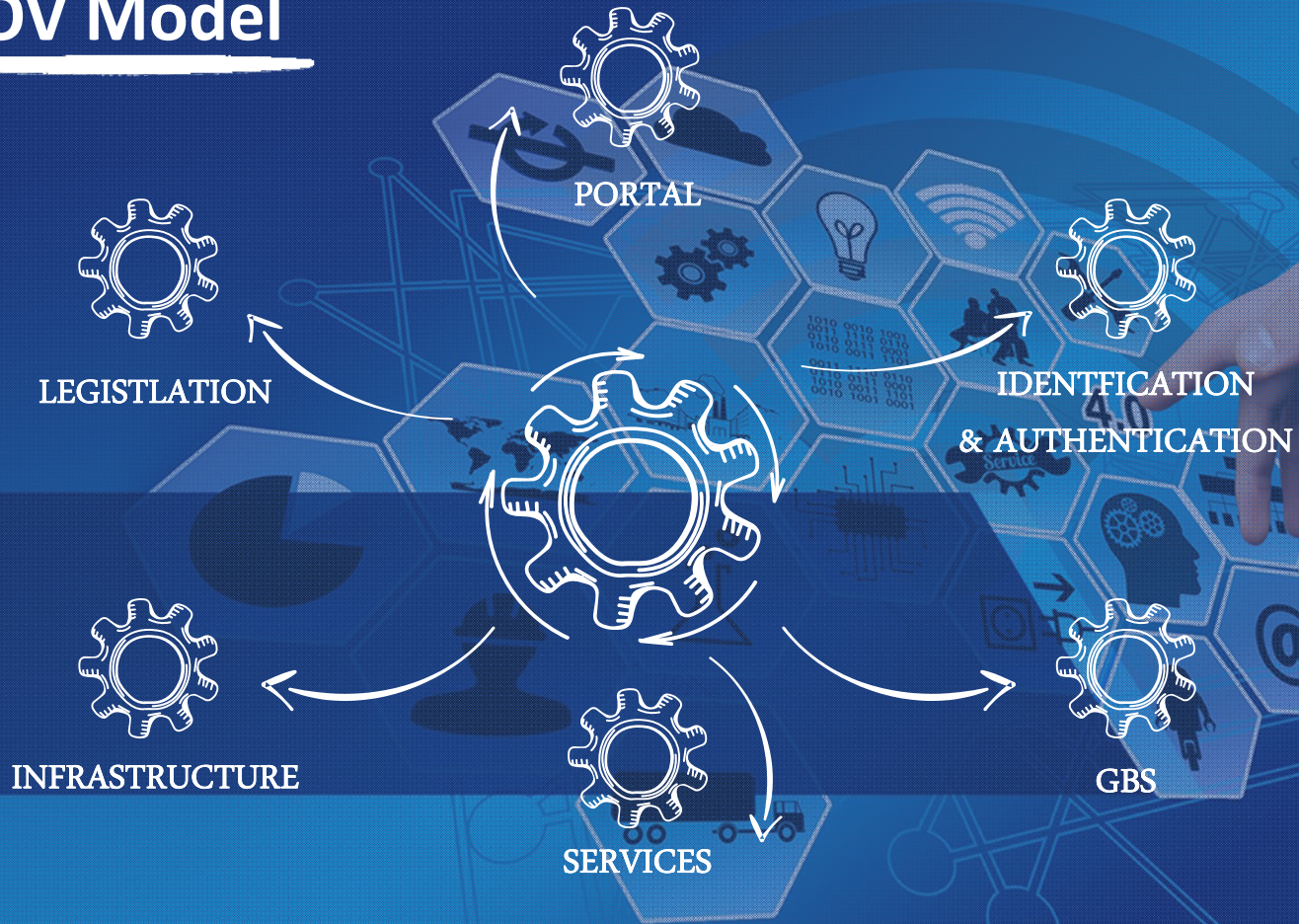
Syrian E-GOV Ranking:

EGDI	2018	2020
Index Value	0.3459	0.4763
Rank	152	131



E-GOV Model

E-Government Model



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1

Intro

2

E-GOV

3

Projects

4

Strategies

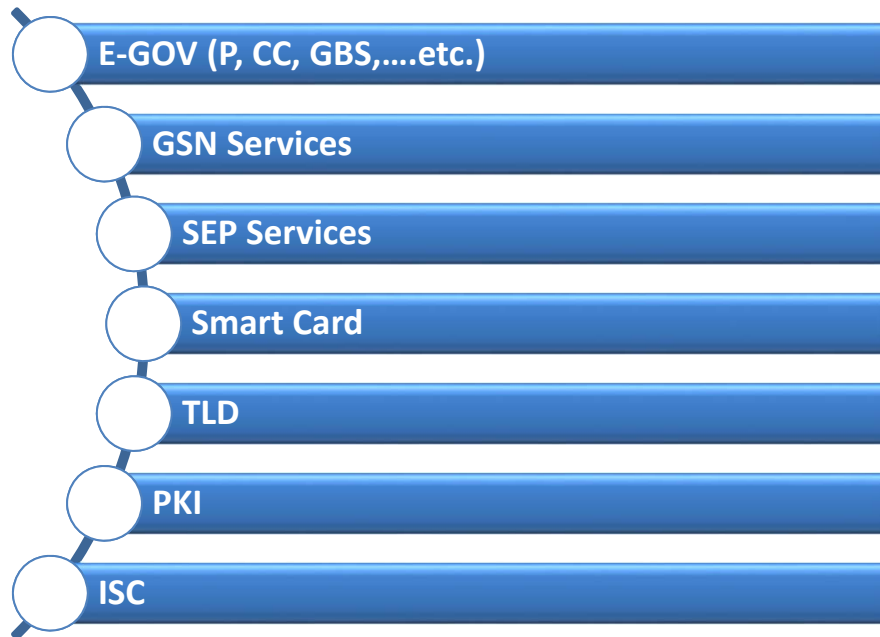
4.0



DC

The Center responsible for providing **Hosting Services** (Shared, VPS, Co-located), T3

Hosted:



E-Portal

- ❑ A **unified access point** for e-government services for individuals and the business sector
- ❑ The portal services were launched on February 27, 2020
 - ✓ **www.e.sy** or **BAWABATI** mobile application
- ❑ The number of services published is close to **3,000**
- ❑ Interactive Portal in 2021



GSB

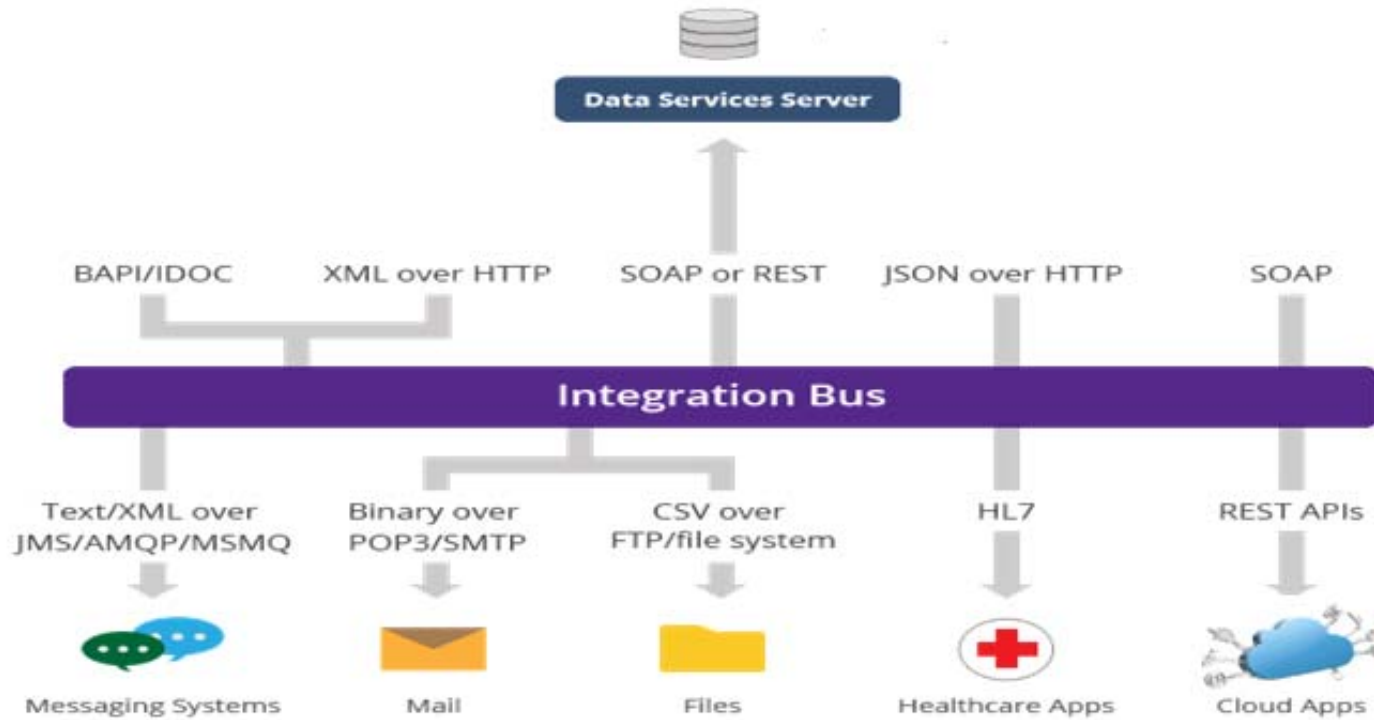
- ❑ An environment to **connect all government agencies** according to a prior mechanism for communication to provide services
- ❑ **Connected to Everything, Attached to Nothing**

Phase1	Phase2
Interactive Layer	QoS Management
Integration Layer	Load Management
BD Management	DS, Encryption
Security Layer	Search Engine
Services Layer	Development Layer

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GSB



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Cloud Computing

❑ The Cloud Computing is an integrated software solution that ensures the **availability of the resources** required to operate, maintain and monitor virtual DC from all technical aspects (**Processing, Operation, Storage, Networking, Security... etc.**) without manual intervention from the SP or ISP

Software Defined DC (SDDC)	Cloud Infrastructure	SIEM
Storage Virtualization	Operations	System Information
Network & Security Virtualization	Orchestration	Event Management
Compute Virtualization	Automation	
Programmatically defined DC Management	Log Management	

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GSN

- ❑ An internal Government Network isolated from the Internet
- ❑ L2, MPLS/VPN
- ❑ Affiliated Bodies: **110**
- ❑ Services:
 - ✓ Mahrukat
 - ✓ Reserve Reservation
 - ✓ GOV Mail, SyrGOV
 - ✓ GOV Storage
 - ✓ E-Transaction
 - ✓ Video Conference



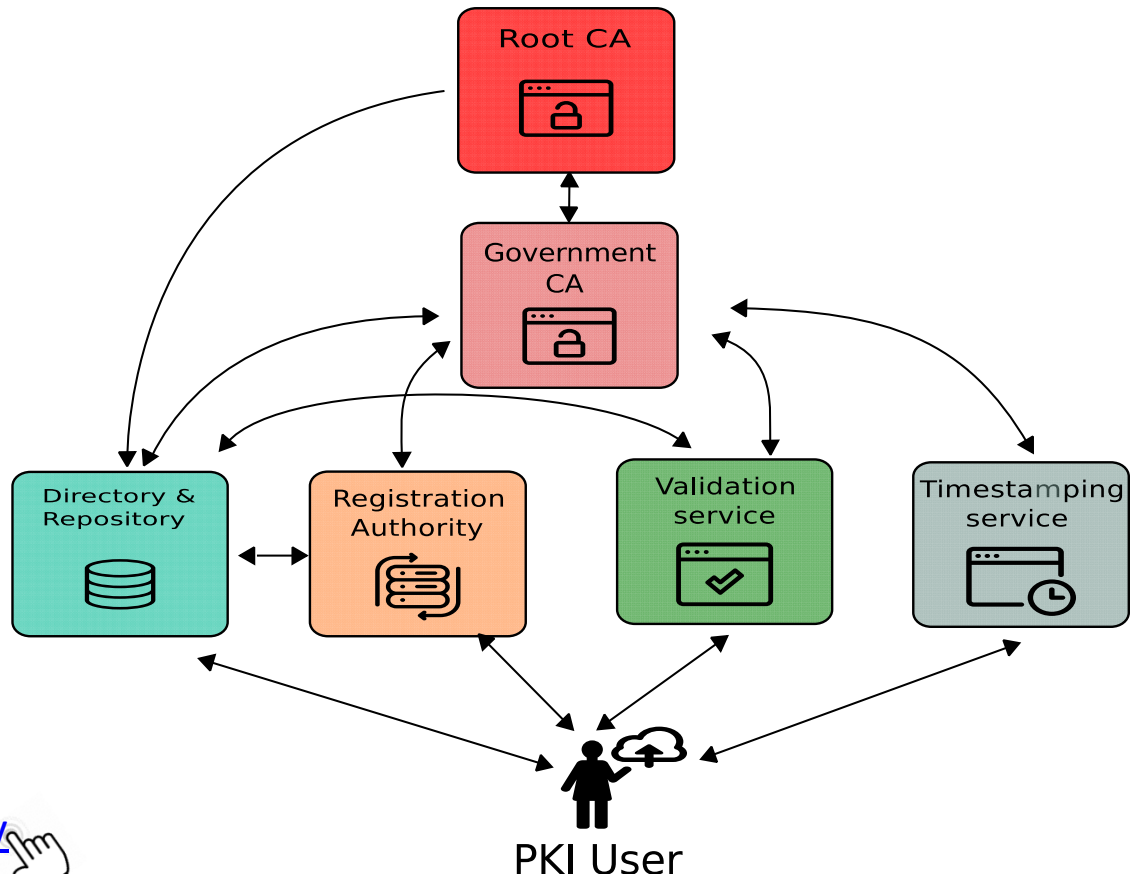
PKI

- ❑ Is a set of roles, policies, and procedures needed to create, manage, distribute, use, store, and revoke **digital certificates** and manage public-key encryption
- ❑ Affiliated Bodies: **208**
- ❑ Active Certificates: **609**
- ❑ SSL Certificates: **91**

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PKI Components



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CERT

□ The Center responsible for providing **support and assistance** to all users of information networks, the internet and information systems related to **incidents** and information **risks**

SOC
&
SIEM

VA
&
PT

Analysis
Unit

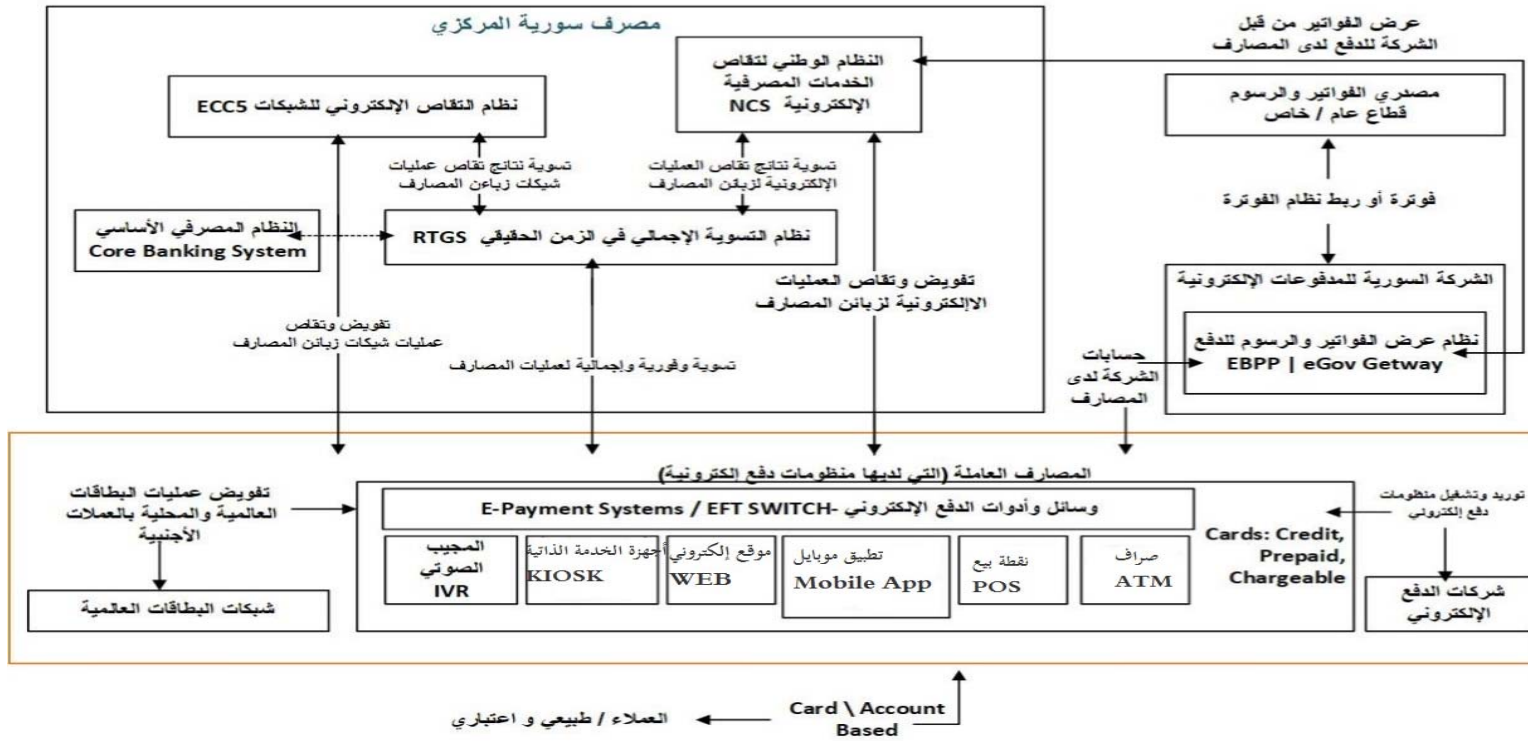
Data
Recovery
Unit

Incidents
Response
Unit

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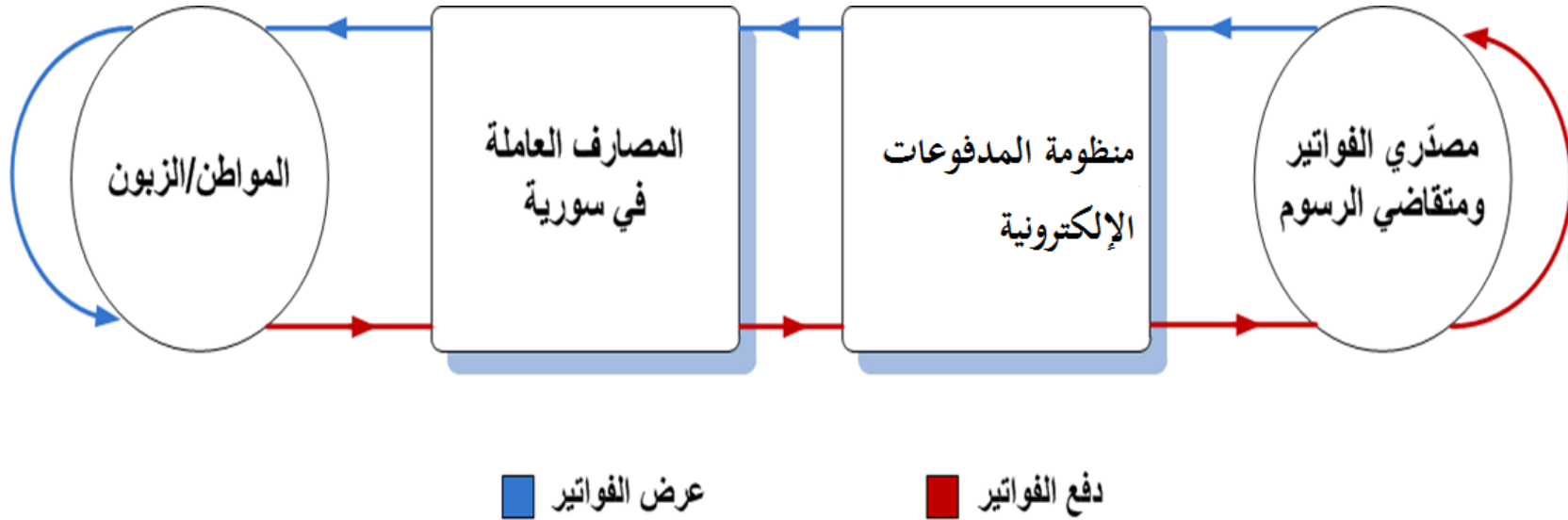
SEP



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SEP



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SEP

Banks	Billers	Bill No.
Bemo	ST	168,598
Al Baraka	MoT	980,019
Syria International Islamic	MoE	81,451
Commercial Bank of Syria	MoI	14,612
Real Estate	MoWR	28,800
Sham	Damascus Governorate	10,326
	ECSC	425

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1

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Broadband Strategy

Vision

Syrian Society connected to the Internet with high speeds

Targets

Till 2026: 80% (Fix Line/Family No), 40% FO Cable/xDSL No

Port Percentage from IGW: 500 kbps

Port Percentage from PDN: 2 mbps



Digital Transformation Strategy

01

INTEGRATION: Infrastructure integration to data & application

02

CONFIDENCE: Raise the level of the Citizen's confidence in the government, and in electronic operations

03

DEVELOPMENT: Promote economic and social development

04

OPENNESS: Promote transparency and community participation (citizen, non-governmental organizations, private sector), Open Data



Cyber Security Strategy

Information Security policy in 2014

Encryption Policy in 2020

<https://survey.ecc.sy/>

CERT

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