Kingdom of Bahrain
e-Government Program

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Introduction

Today’s Presentation:
• Track Record
• The Vision
• e-Government.. What is it, why do it, .
• e-Government Program of Projects.
• Projects Status
1978
Directorate of Statistics was established.

1979
CIO installed the first Government Computer Centre to support Foreign Trade, statistical systems, Census, Consumer Price index, Electricity Billing and Personnel & Payroll.
Prime Ministerial Resolution No. 3 stated that CIO:

- Provide centralised computing resources.
- Approve acquisitions for hardware, software and services.

**Census 1981.**

- First Government online application delivered to the Central Stores Directorate.

**1984**

- **Central Population Register (CPR).** Systems for the digital state were implemented including unique identifiers for People, Land and Establishments.
Government Strategic Information Systems Government Strategic Information Systems

Implemented the Bahrain Government Disaster Recovery Plan to give a 24 hours continuous service capability for Govt.

Implemented a new Government Data Network (GDN) connecting all Government Ministries and service shared resource applications.

Formulated, Coordinated and successfully implemented the Governments Y2K computer strategy.

Organized Municipal and Parliamentary Elections

Track Record

1993  Government Strategic Information Systems Plan (SISP).

1994  Implemented the Bahrain Government Disaster Recovery Plan to give a 24 hours continuous service capability for Govt.

1996  Implemented a new Government Data Network (GDN) connecting all Government Ministries and service shared resource applications.

1997

1997

2000  Formulated, Coordinated and successfully implemented the Governments Y2K computer strategy.

2002  Organized Municipal and Parliamentary Elections
Government Plan in Prime Minister’s Address to Parliament:

“Another Dimension which will receive considerable attention will be devoted to improving government performance with a high degree of transparency in all information that is related to the government activities will be easily accessible.”
Our Vision

“Highest standard of living and quality of life for citizens through comprehensive, accurate and timely information”
“Use of information technologies and new business processes to transform how Government delivers services to its citizens & Businesses.”
Current Situation

- Departure Certificate
- Work Permit
- NOC
- CPR
- Health
- Residence Permit
- Re-entry Visa
- More………

Multiple Visits
Multiple Forms
Little Consistency
Waste of Time
Waste of Money
e-Government Vision

National Call Centre

Immigration
Labour
CPR
Health
Municipality
Commercial Registration
Education
Payments

Telephone
Postal
WWW
WWW Portal

National Service Centres
Government Portal

- Single Gateway to Government Services.
- Single Gateway to Government Information.
- Home Page for all Citizens.
- E-Mail account for all Citizens.
- Electronic directory of all Government Services
Program Overview

- National Smart Card
- National Data Services
- Government Data Network
- Security Strategy
- Business Systems
- Central Servers
Central Servers

New H/W S/W Technology
Complete platform architecture needed:

- e-Business servers
- Any-to-Any integration engine.
- New Operating system model on LINUX.
- New Application Development Model
- New Data Model.
- New Network Model.
- New Security Model.
Government Data Network

- All Ministries are connected regardless of the platform.
- One of the most reliable, advanced and secured networks in the world.
- Internet connectivity & email service is provided to all government employees.
- Latest technology like Fiber, Infra-red laser, Microwave radio, MPLS protocols.
- Bandwidth is expanded 1000 times
e-Government Projects
National Data Services

- Data register established in 1984.
- provide information to all government bodies and decision makers.
- overcome duplication of data.
- overcome duplication of processes.
- ensure data integration.
e-Government Projects

NATIONAL DATA SERVICES

GOVT. DATA NETWORK

CENTRAL SERVERS
Business Systems

- Re-engineer core business systems.
- Create web enabled applications
- Provide web enabled electronic services
- Conduct unit, Systems and Integration testing and ensure the quality standards before going live.
- Use leading edge software for storing business rules and generate business logic.
- Quality Assurance Method.
Security Strategy Implementation

- 20% of the e-government budget.
- Disaster Recovery Plan.
- Enterprise Storage Architecture.
- Mirrored Configuration.
- Operational Contingency for 24 hours operation.
- Digital Signature, PKI, Finger print.
- New Standards, Processes, Policies, procedures, protocols to ensure security, safety, reliability, stability of e-government service
e-Government Projects

- National Data Services
- Government Data Network
- Security Strategy
- Business Systems
- Central Servers
National Smart Card

- Multi-purpose electronic card.
- For all individuals regardless of age and nationality.
- Laws and Policies
- Consists of passport, ID card, CPR card, driving license, health record, educational record
- e-purse (MOU with major banks).
- Dynamic loading, PKI, Biometrics.
e-Government Projects

- National Smart Card
- National Data Services
- Security Strategy
- Government Data Network
- Business Systems
- Central Servers
E-Government Program

Program Status.

- Program funding approved.
- New Fiber Network installed.
- New “Infrared laser” and “Microwave Radio” network installed.
- Central Hardware and software installed.
- “Proof of Concept” completed.
- Program tenders active.
"In this regard it is worth mentioning that preparations are underway for the completion of what is know as the Electronic government whereby all the transactions with the government can be made through the modern communications channels. The kingdom of Bahrain’s advanced telecommunications facilitates this objective."
Thank You

Questions & Answers

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