

Egyptian E-Government (Gen2): Considering SOA



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Agenda

- MSAD: The Mandate
- The future of Government
- E-government Initiative
- The Family Card National Project
 - Family profile
 - Subsidized food items – Suez
- The Shift to the SOA Architecture
- MSAD/SOA Blueprint
- Pilot SOA Service
- What's Next?



MSAD: The Mandate

- The Ministry of State for Administrative Development has been mandated to develop the Government body to be more flexible, competent, efficient and effective.
- To meet this mandate, MSAD has established two main programs:
 - Organizational Development of the Egyptian Government machinery.
 - Governmental Processes Development (The E-government Program).



The Future of Government

A well established environment to monitor and control governmental resources/expenditures efficiently, interacts continuously with the society, and capable of providing* high quality services to everyone

“Government Now Delivers...”

*** Through itself or other service providers**



E-Government Initiative (1)

- Egypt undertook the E-government initiative since 2000.
- Egypt is the only country in the world that moved 37 positions in the international ranking, in one year according to the last UNPAN E-Government readiness report (99–2005/ 136–2004)
- Totally implemented in Egypt using local ICT companies.
- Support for E-government programs in African and Arab countries.



E-Government Initiative (2)

- Infrastructure (laws, Government Certificate Authority,...)
- Government Services Development
- Government Automation
- **Establishing and Linking National Databases**

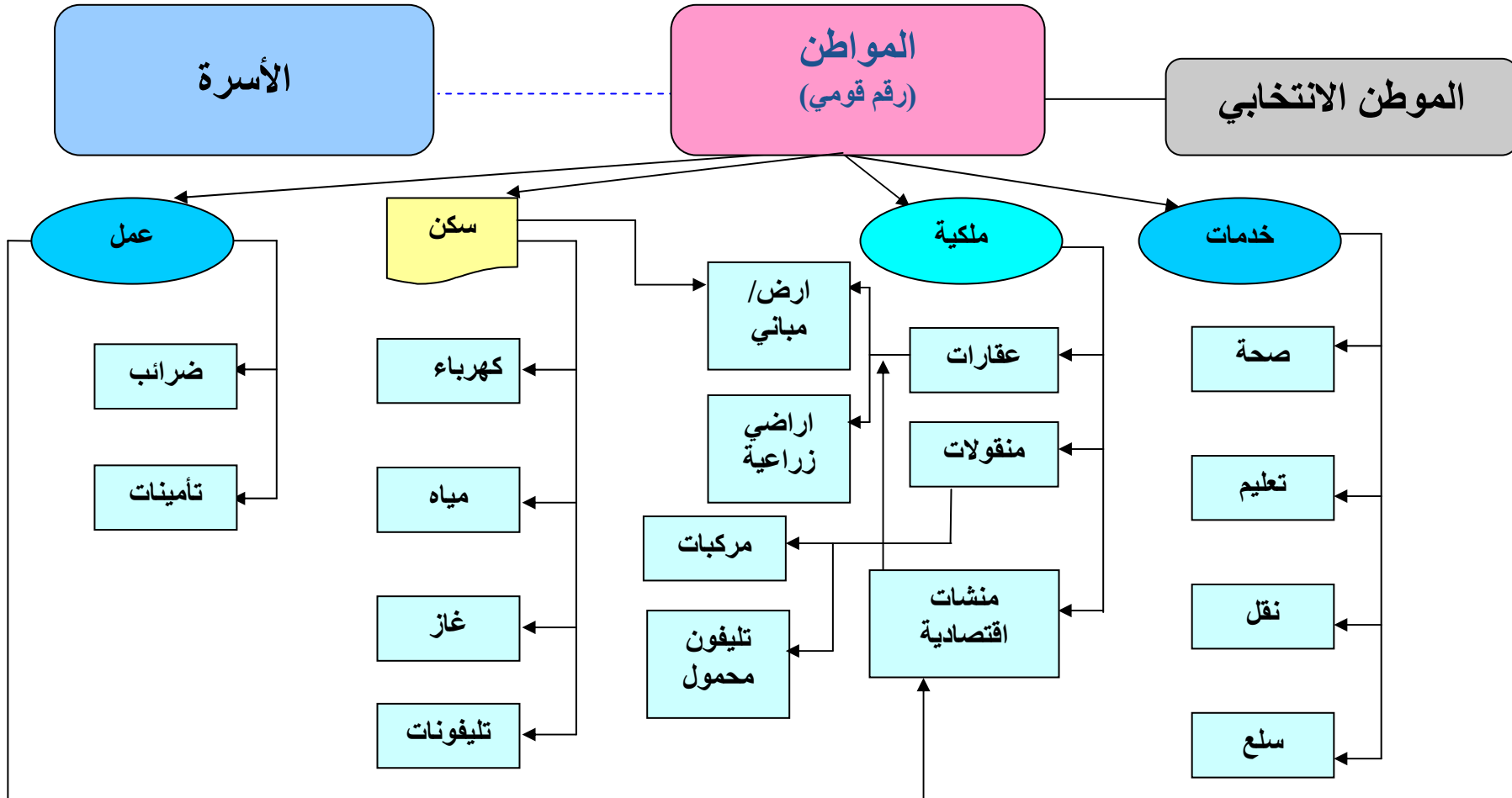


Family Card National Project

- Linking all National Databases for accurate, on-time information about the Egyptian family (decision making and data mining purposes).
 - Composed of a number of sub-projects to link health offices, education units, traffic units with the National ID Database.
 - Pilot: Subsidized food items



Family Profile





Family Profile - Benefits

- Directing subsidy to targeted families:
 - Health, Education, Transportation, . . .
- Fighting illiteracy
- Composite services:
 - Education: students transfer.
 - Governance: elections.
 - Health: birth and death certificates.
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Subsidized food items - Suez

- Food subsidy = 1 BLE /month (approx. \$200 million)
- Implemented in Suez Governorate March 2006 (53,000 Families – 84 grocery stores)
- Multi-application Smart card.
- Discovering consumption patterns.
- Reduction in subsidized items: 13 – 22%.
- 100% outsourced.
- Currently: 4 governorates under implementation - plan for total coverage in 5 years.



Shift to SOA Architecture (1)

- Incorporation of new services into the E-Government Portal
 - Ability to incorporate services that have been developed on a variety of application platforms, (ex. IBM, Oracle and Microsoft).
 - Reduce time and effort required for deployment of new services.
 - Standardize the mechanism used to incorporate services to the E-Government portal.
 - Obtain development and deployment efficiencies associated with reuse.

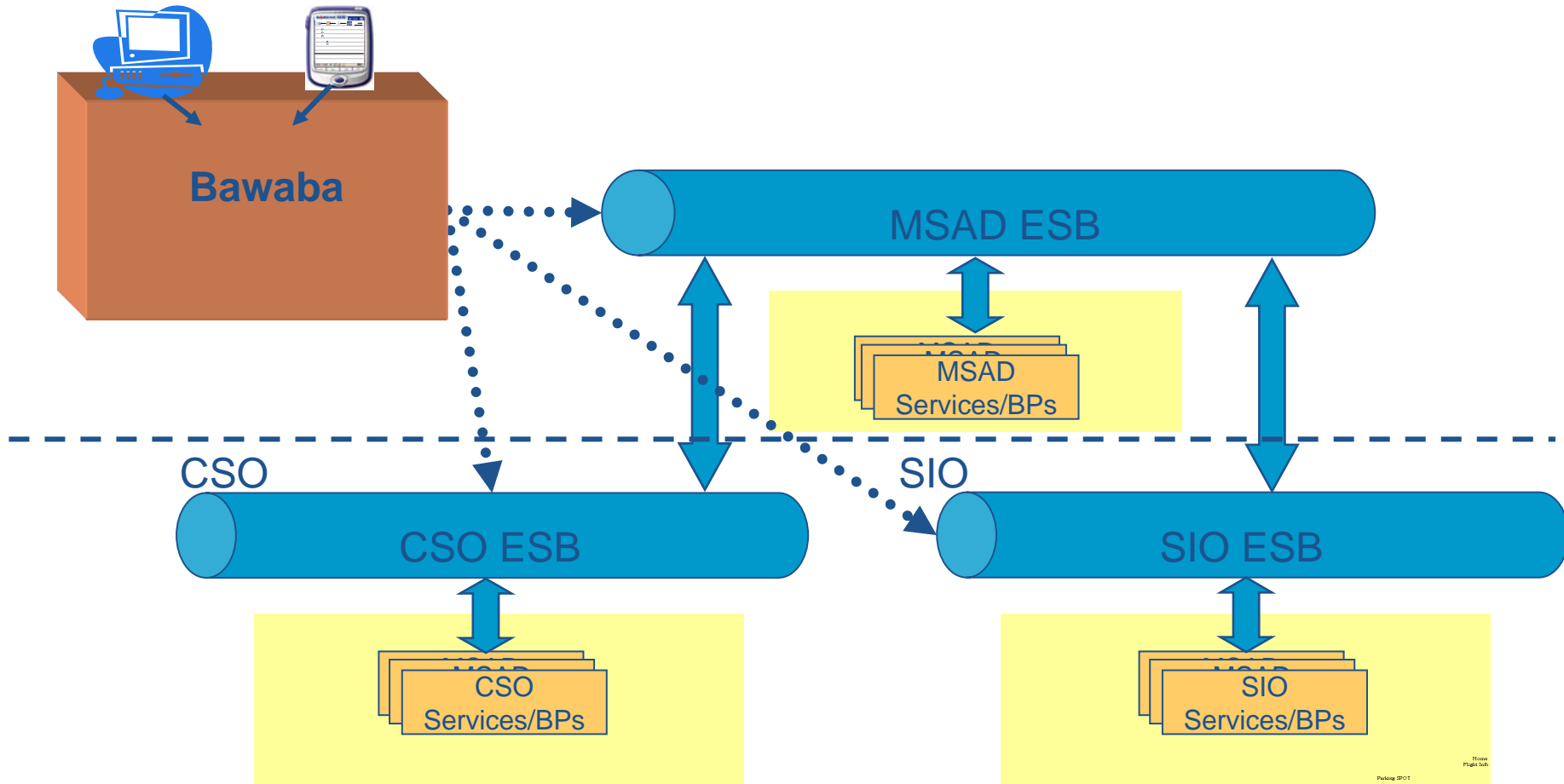


Shift to SOA Architecture (2)

- Enable support for access to government services from multiple channels supporting a range of devices with standardized mechanisms
- Standardize, simplify and integrate smoothly between different E-government programs:
 - Government to Government, Business and Citizens.
 - Government Certificate Authority
 - E-payment solutions
- Improve government decision making and services through better use of citizen / Business data



MSAD/SOA Blueprint



Planning (POT)
Towns
RUD
Plan (Land Use)
Ground Staff
Ground Equipment

Home
Page Info



Pilot SOA Service

- New employee registration
- Service involves 3 national databases of different types/formats (National ID, Taxes and Pensions).
- Started August 2006
- Expected launch date: end of January 2007.



What's next (1)

- Prepare the organization for broad SOA development and deployment
 - Develop MSAD Governance Model
 - Establish MSAD Center of Excellence
 - Finalize The Egyptian Government reference architecture
 - Provide business level SOA education to agencies and development teams



What's next (2)

- Develop and execute a prioritized implementation plan
 - Review core processes and develop a prioritized list of services to be exposed from both new and existing systems
 - Review individual process flows for specific optimizations that can be realized as a result of implementing an SOA.
- **The Government to Government Portal.**



Thank you

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