Implementing GIS As A Government Service

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“Build a GIS foundation for State of Kuwait which Utilize PACI’s solid data, infrastructure, and security to provide robust services to Government, and Private sectors, and Promote PACI’s Electronic ID as the main identifier in Kuwait”
Civil Information System • 1982/32 Decree
Establish a System which hold personal, and civil Information including Living, and Work locations
Article 6:..... PACI is considered the sole reference to provide information regarding addresses, and people...
PACI Relation To Data Sources
Persons

Name, CivilID, DoB, Address
PACI No., Establishment
Civil ID

Buildings and Units

Address PACI No.
Address

Establishments

License No., Owner, Type,
Address PACI No.,
Establishment Civil ID

Neighborhood, Block, Street,
Parcel, House, Floor, Unit Type,
Usage, Address PACI No.

Work Address

Work Address
PACI Philosophy - GIS Implementation
PACI Vision To Promote GIS Services

What Is The Status

Everyone Is Isolated

Collaborate

Let US
PACI Vision To Promote GIS Services

We Look At

Workflow Integration

Collaboration

Mobility

Content Management

Hosting Services

Apps

Security

Content

Maps

Catalogs

Citizen Engagement

Executive Access
Why Do We need to have GIS as a Government Service?

- Provide proper services to government, private, and public
- Increase the success ratio for GIS implementation projects
- Decrease the cost of GIS implementation
- Establish a Unified, Business oriented services
- Place the foundation of NSDI
What do We need to provide GIS as a Government Service?

- Management Support
- Reliable, accurate Data
- Qualified resources
- Reliable infrastructure
- Standards and procedures
How We can provide GIS as a Government Service?

• Secured Map Services
• Hosted Feature Map Services
• Spatially enabled Demographics
• Content hosting, and Collaboration
• Consultancy Services
What are the Obstacles to provide GIS as a Government Service?

- Politics
- Management Support
- Funding
- Resources
- Data
- Infrastructure
- Security measures and standards
- Clear, and Realistic Understanding of the Needs
Lessons Learned

• Treat the Service Consumer as a CUSTOMER
  o Understand needs, and requirements
  o Understand the business case
  o Understand the internal-external politics

• Go simple and evolve
• Simplify Service provision processes
• Unbias
• Understand the Power/interest/Influence before any proposal is made
• Aggregate information to gain support
PACI GIS Road Map

2012
- Kuwait Basemap
- GIS Infrastructure
- Staff

2013
- Kuwait Finder 1.x
- Workflow App
- Statistics Support

2014
- Kuwait Finder 2.x
- Kuwait Portal
- Establish GIS Program
- Private Sector Participation
- Workflow Integration with Mainframe

2015
- Geo Statistics
- Crowd Sourcing
- PKI Integration
- Establish Gov Collaboration foundation
- Establish Private Collaboration foundation