

# ICT4SIDS Partnership

A Blueprint for Action based on Samoa Pathway and UN Post 2015 Agenda  
 UN-SIDS Registered Partnership No: 2765, Website ([www.space4ict.com/sids](http://www.space4ict.com/sids))

## Highlights

- Partnership between Small Islands and Developing States (SIDS), UN organizations (infopoverty/OCCAM), academic institutions (Harrisburg University and Oklahoma University), and startup industries (e.g., NGE Solutions)
- It is a Blueprint for Action that fully supports Samoa Pathway and UN Post 2015 Agenda
- Focus is on high impact ICT services in health, education, public safety, public welfare, and other vital sectors for SIDS, Least Developed Countries and Landlocked Developing Countries.
- Main competitive edge is a powerful computer aided planning, engineering and management environment that automates the Blueprint methodology
- The environment, called *SPACE* (Strategic Planning, Architectures, Controls and Education), conducts highly customized feasibility studies, within an hour, for more than 100 services
- Based on an innovative methodology, shown in Figure1, that systematically walks the user through various phases (P0 to P5) and automatically utilizes Big Data, Patterns and other technologies
- Currently a working system -- it has produced an ICT4SIDS Center that provides human capacity building (e.g., training) and technical capacity building (e.g., quickly enabling vital ICT services).

## Main Inputs Needed by SPACE (see Figure 1)

- P0 (Region/country involved)
  - Name of the country/Region/Island
- P1 (Sector and Service Information)
  - Name of sector (health, education, public safety, public welfare)
  - Name of the service (see Table1 for sample SPACE services)
  - Is it for Urban or Rural areas
  - How many users will be served
  - Will it operate at a local, city, state or country level
  - Will the service be informational or transactional
  - Will it use web technologies at a low, medium or high level
  - Will it use mobile technologies at a low, medium or high level
- P2 (self assessment)
  - What are the major benefits
  - What are the major costs
  - Do you need trained staff to deploy this service
  - Do you have sources of funding

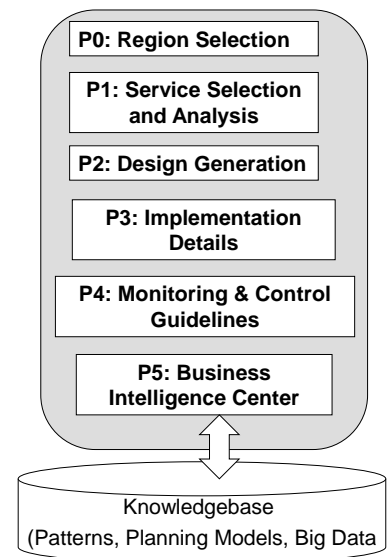


Figure1: SPACE Methodology

## Main Outputs Produced by SPACE, shown in Figure2, in less than an hour (these outputs support an extensive Feasibility Study and a Pilot Project)

- Strategic IT plan and executive summary
- Essential support documents such as requirements documents, business plans, RFPs, governance plans
- IT audit lists, project management guidelines, and enterprise architecture views
- A sample Prototype that can be quickly deployed

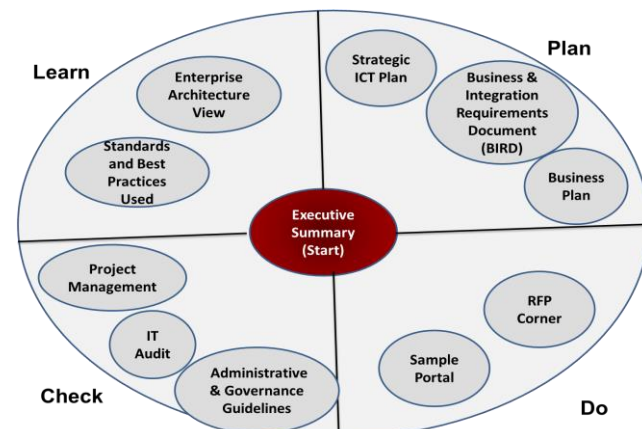


Figure 2: Outputs Produced by SPACE

**Table1: Sample Services Supported by SPACE**

Economic Development	Education	Healthcare	Public Safety & Law Enforcement	Transportation & Agriculture	Public Welfare & Environment Services	Common Services
Entrepreneurship	Educating Primary School Teachers	Mobile Health Clinic	Disaster Management and Recovery Services	Optimal Route Planner	Social Services	Business Intelligence Services
Micro-Entrepreneurship					Citizen Welfare Services	Corporate Management Services
Micro-Financing Information Systems	e-learning for the handicapped	Electronic Health Records	Police & Fire Services	Alert Systems	Public Healthcare Service	Customer Services
e-Employment		Emergency Medical Service	Police Crime Investigation Services	Automobile Licensing		Marketing Services
e-Tourism	e-Learning Support System	m-Health (General)	Social Network Services for Governments	e-Agriculture 2.0	eLearning for Needy Children	Sales Services
e-Library (public)	e-Library (school)	Hospital Information System	Additional Law and Order Services	E-Agriculture Phone2SMS	Assisted Living	e-Payment
e-Fisheries		Patient Information System	Weather Alert and Travel Warning	Eservices for Food Safety	eCare for Aging Populations	EFT – Electronic Fund Transfer
		Decision Support for Health		Precision Agriculture	Entrepreneurship Welfare Programs	Credit Card Detection System
		Telemedicine	Food Quality and Drinking Water Purity	eServices for Agriculture	Clean Air	e-Banking System
		e-Behaviourial Health			Environmental Monitoring	
					Environmental Analytics	
<b>ICT Infrastructure Services (Horizontal)</b>						
- Broadband Access, Network Management, Social Networking (*e-Participation, e-Voting), Cloud Computing						
<b>Enterprise-Wide Service Composite (Service Bundles that Combine Many Individual Services)</b>						
- Offices, Departments, Initiatives (e.g., MDG, Mobility, Telemedicine, Aging Population) Services, Firms, Business Units, eCities, eCommunities, Government Specific Initiatives						
<b>Inter-Enterprise Service Composites (Service Bundles for B2B and G2G Integrations)</b>						
- G2G Services (Interagency Exchanges), Supply Chain for Food Distribution, Health informational Networks, Educational Networks, Entrepreneurial Networks, B2G Services						
<b>Notes:</b> The individual services are shown as verticals (e.g., Health) and Horizontal. In addition, the individual services can be bundled together into “Composites”. If you want to see a quick overview of a particular service, please go to the SPACE site ( <a href="http://www.space4ict.com">www.space4ict.com</a> ), Samples Section and then Services Section.						