



# GRAPHIC On-Line Mapping

Ian McRae

Paul Konings

Soumya Mazumdar

# GRAPHIC primary objectives

- Undertake particular research projects
- Build capacity in use of geo-spatial technologies in primary health care
- **Manage an on-line mapping facility to support research into primary health care**

## *Vision:*

*The GRAPHIC Web Mapping Platform will provide a data rich, interactive, highly functional suite of applications that will meet a diverse set of stakeholder requirements.*

*Access to these applications will be via the GRAPHIC Web portal which will also provide access to information on training, support, capacity development and spatial methodologies.*

## What we do now

- Health Landscape Australia
- Run through the Health Foundation in Cincinnati
- We provide data and geographies
- We negotiate structures and tools
- They load and manage

## What we did

- Contracted Spatial Vision to develop a strategic plan for GRAPHIC to take forward its on-line mapping vision
- This could have been Health Landscape or could have been something else – we needed guidance for the optimal approach to understand researchers needs

# Spatial Vision - requirements

- Undertook a study of potential user needs and produced a requirements statement.
- The main requirements identified are shown in the document circulated

## GRAPHC Web based Mapping Identified Requirements - Categories, Priorities, & Progress

Requirement	Category	Priority	Deployment	Notes
User Login	Access & Security	Critical	Deployed	Some issues to resolve, ColdFusion, whitelist, levels of restrictive engagement.
System Administration	Access & Security	Critical	Some progress	HealthFoundation have allowed GRAPHC to access the Development environment, but not the production server. GRAPHC is building its own 'sandpit'
Metadata	Data Interpretation	Critical		There are some notes and information about the layers, but metadata is still on the 'todo' list.
Tabular Data Display	Data Interpretation	Critical	Deployed	Linking selections between tabular and map needs to be reviewed.
Standard Map Navigation Tools	Navigation	Critical	Deployed	HLA has most typical online mapping controls, including some predefined zooms. Undo and Redo need to be reviewed
Map and Report Output	Output	Critical	In Progress	Print & Pdf is available, although this feature could be enhanced.
Data Filtering	Querying	Critical	Partial	The GrantMapper tool offers predefined filters. Building complex definition queries is on the 'todo' list
Intuitive User Interface(s)	Usability	Critical	In Progress	HLA isn't Google Maps, but it is pretty comfortable. Happy to take advice.

# Spatial Vision - options

- In the light of the requirements, explored all the options and
- Produced a solutions assessment document
- This is the most technical of the documents and explores all the potential ways to approach an on-line mapping facility

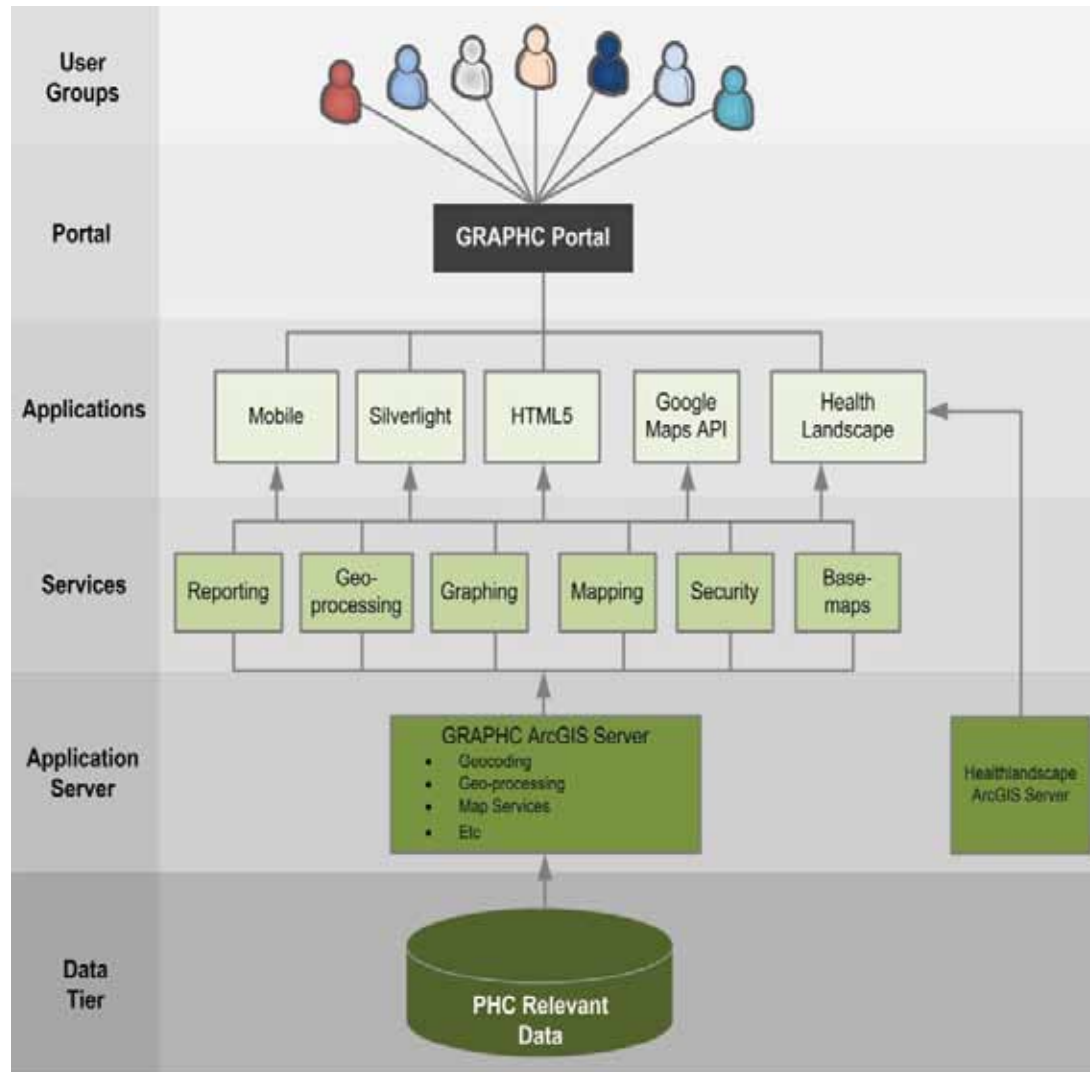


## Spatial Vision – strategic plan

- SV then produced a proposed strategic plan
- We have sent you the executive summary
- The core of the recommendations relate to the structure of what is done here vs America and how it is done



# Medium term (6-18 months) structure





Views please