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# Australian Spatial Research Data Commons: Seamless open delivery of Spatial Data

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# Australian Spatial Research Data Commons (ASRDC)

Utilise the Spatial Information Services Stack to:

- Make Governmental spatial data available to the research community
- Establish governance and core services to enable easy seamless access
- Further develop the Spatial Information Services Stack

# ASRDC and the Spatial Information Services Stack

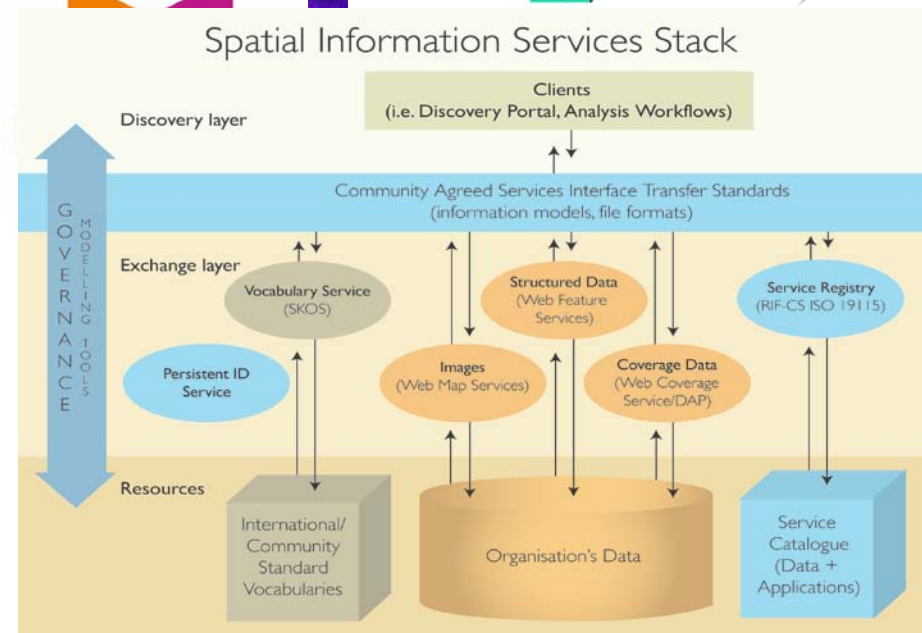
- Spatial Information Services Stack (SISS) a technology stack, standardises on 3 components:

- Format/Structure



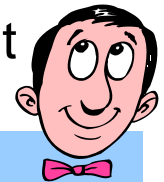
- Content

- Tools

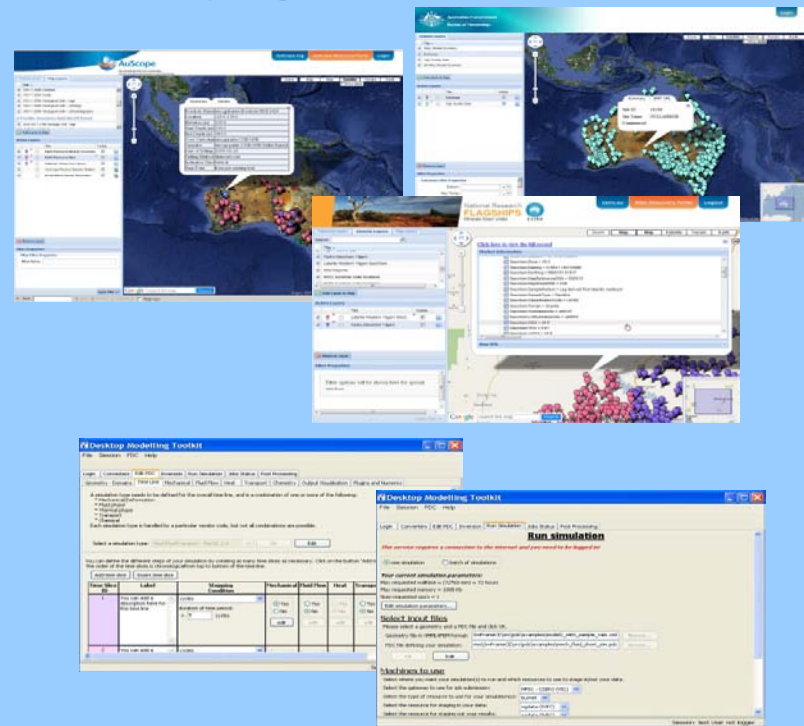
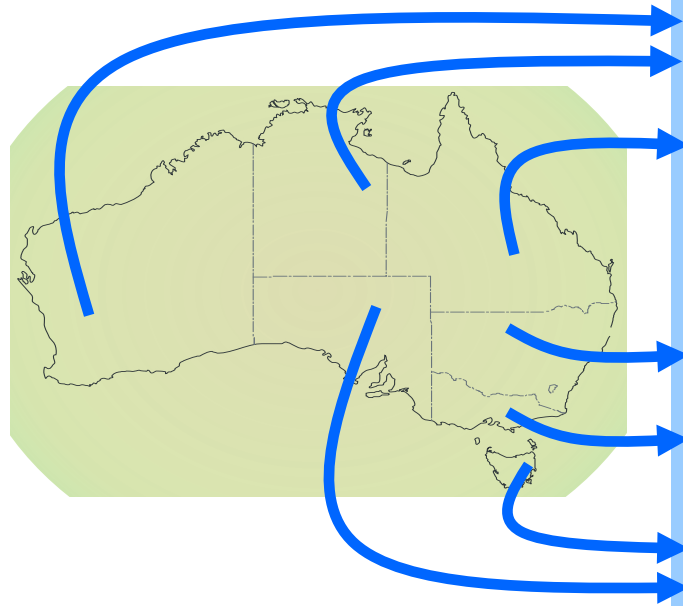


# A solution: Open standards based domain agnostic information infrastructure

Client



## Community Agreements



# What's been achieved (so far)?

## Data Types

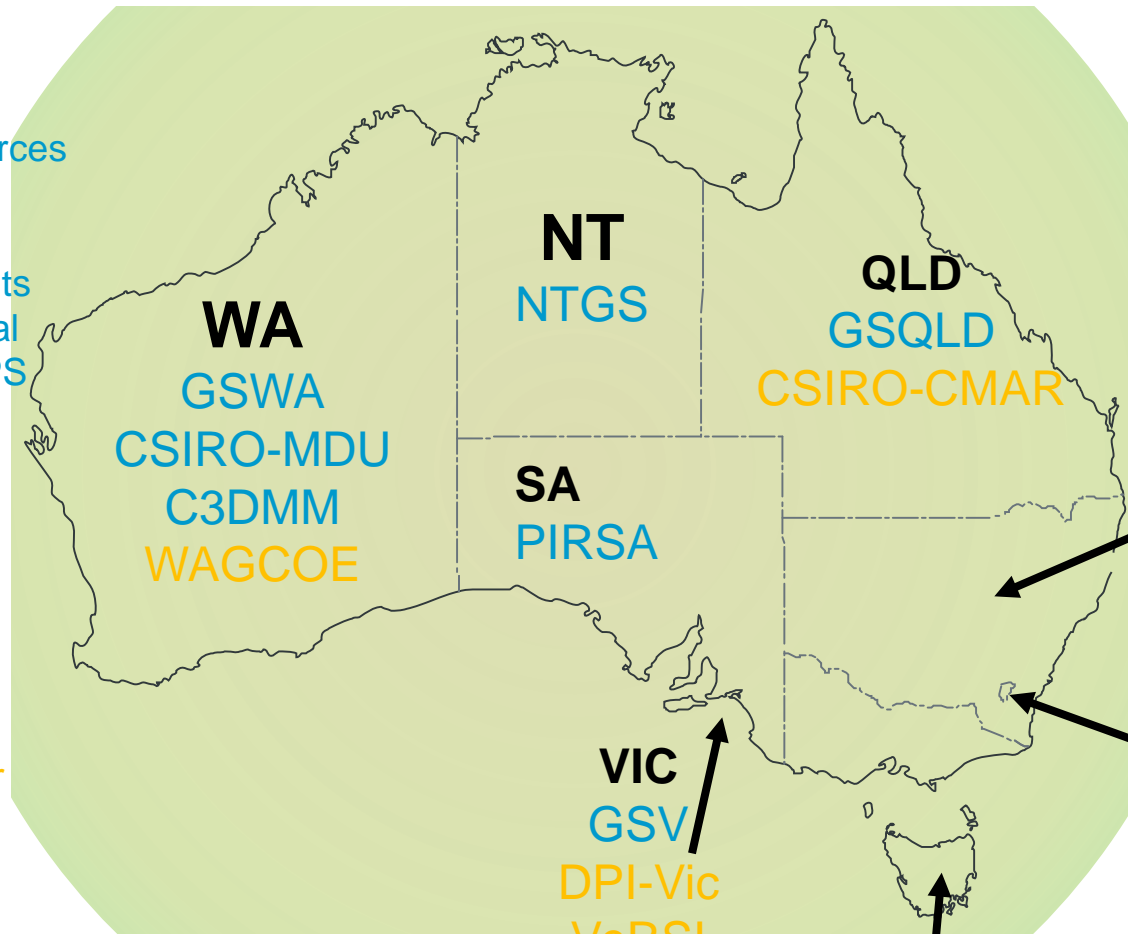
### Geoscientific

- Earth Resources
- Boreholes
- Wells
- Geologic Units
- Hyperspectral
- Geodesy/GPS
- Geophysics
- Geothermal
- etc.....

### Other

- Satellite
- Climate
- Carbon
- Groundwater
- Water
- Landslides

And.....



# Australian Spatial Research Data Commons

- Spatial Information Services Stack has been used as the basis for ASRDC's deployments – its spatial data infrastructure - standardises on Format, content & tools
- Successfully deployed to multiple Research and government agencies
- Easy to get simple data up quickly
- More data, more accessible
- Direct access to actual data

# Plans

- Future –
  - Further development on SISS with additional OGC services added
  - More deployments
  - Education on importance of interoperability and quality data
- Sustainability
  - Deployments
  - Tools
- CSIRO will continue to support <http://siss.auscope.org>
- What was successful?
  - Uptake, community building, knowledge...



# Thank you

## Minerals Down Under

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