

Capability statement

Geographic Information Systems (GIS),
remote sensing and mapping



**Australian
Spatial
Analytics**

Why GIS?

Geospatial data today is fundamental to the success of projects in both the private and public sector. This data is the glue that holds activities across these sectors together from development and conservation to asset management and modelling.

Never before has there been a great awareness of the dynamic nature of data, and the challenges that face clients with visualising and manipulating their data.

GIS can help you to answer key decision-making questions such as:

- What are the features of interest near my site?
- What is least-cost route for my delivery partners to take?
- What is the flooding prediction for my site?
- What are the demographics for my area of interest?
- What is the topology for my area of interest?

- How many consumers can easily access my business via a specified transport mode?

Why ASA?

ASA specialises in the capture, storage and use of geospatial data and designing and implementing into GIS environments for our clients.

ASA's services encompass the complete data lifecycle. Whether it be remote sensed imagery captured from our drones or editing geospatial data gathered by mobile GIS applications, the key to the challenges faced by our clients lie in unlocking geospatial data to create meaningful information to support your decision-making process. We manage the data, conduct the analysis and create 2D or 3D visualisations of your challenge.

We ensure our clients make the most of their geospatial data to enable your team to realise the benefits of using GIS in decision-making processes



ASA's analysts speak ESRI, partnering with their non-profit program to be skilled in:

- ArcGIS Dashboard
- ArcGIS Enterprise & SQL geodatabases.
- ArcGIS for PowerBI & Office 365
- ArcGIS Online Web Apps
- ArcGIS Pro
- Python integration with ArcGIS
- Survey123



Our Skills:

- 3D visualisations and walkthroughs
- Cartography and map production
- Data capture, management and storage
- Geomorphological modelling
- GIS design and implementation
- Hydrological modelling
- Image processing
- Internet mapping and creation of web portals
- Mobile GIS and GPS solutions
- Spatial analysis for business
- Surveying and remote sensin

