Case Study

Organization
Singapore Land Authority

Location
Singapore

Industry
National Mapping/SDI

Connecting a Nation

The island nation of Singapore has a population of five million and a limited land area of 710 square kilometers. Geospatial data and analysis are used to carefully plan economic growth and development, ensuring quality of life for the nation's citizens. Singapore Land Authority (SLA) is the national land authority and one of the leading geospatial agencies responsible for all aspects of managing state land and buildings. SLA accomplishes this by maintaining a national land information database.

What Did It Do?

SLA is driving the Singapore national spatial data infrastructure (SDI) using Esri® ArcGIS® technology to provide maps and applications over the web. An example is OneMap, a common platform for public agencies to share geospatial data and deliver services to the public. Visitors to the site use icons to navigate Singapore and can view street maps, land lots, or both. Many applications are available, like the National Parks Board's Parks Live application, which helps the public explore parks in the country using mobile phones as guides.

Do You Need This?

Esri's ArcGIS provides the ability to manage and store data that can be leveraged in many different applications. It opens information sharing by providing an opportunity to rapidly create lightweight, focused applications. As a result, a national mapping agency and its data customers can deploy innovative mashups, combine internal and external data sources, and create an array of applications on their own public-facing websites.

> "It is only when people can appreciate the value of integrated geospatial information that efforts to increase data sharing, geospatial adoption, or application development can take root."
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> **Vincent Hoong**
> Chief Executive
> Singapore Land Authority

For more information, visit esri.com/sdi.