



Achieve outstanding client success

43pl is the international consortium of SMEs in the CRC for Spatial Information

Sinclair Knight Merz (SKM) is a leading engineering, sciences and project delivery firm employing over 7,500 staff. We have more than 40 offices globally, including Australia, New Zealand, Europe, the Middle East, South America and Asia. The firm has significant resources, financial standing and technical capability, designed to provide clients with superior service.

With its global reach, SKM provides an extensive range of services to national, provincial and local government departments and agencies, and to a broad spectrum of industry and commerce. It employs professional engineers, spatial professionals, planners, architects, economists, scientists and project managers, along with technical and administrative staff.

Services

SKM provides leading edge spatial information services to clients through a Spatial Service Line of more than 170 spatial professionals offering an integrated approach to the collection, management, integration and deployment of spatial information. Our Spatial Service Line provides a wide range of services encompassing all aspects of surveying, aerial survey, photogrammetry, imagery, spatial analysis, information management, mapping, and spatial information consulting/advisory services.

- Surveying and data capture: capture of geographic data through surveying, 3D laser scanning, photogrammetry, PDA, GPS, remote sensing and airborne sensing
- Spatial analysis and data processing: spatial data analysis using geographic information systems, remote sensing analysis and imagery interpretation
- Data management and mapping: data maintenance of spatial data, topographic and customised mapping
- Geographic information technology: spatial information systems strategy, requirements analysis, design and implementation
- Business consulting and information systems: strategic advice for system integration, business processes, change management
- Development of spatial products such as AUSIMAGE™ aerial photography

Market Sectors

SKM operates throughout the Asia Pacific, the Americas, Europe, Middle East and Africa. Client sectors include

- Defence
- Energy
- Industry
- International Development Assistance
- Mining & Metals
- Power
- Social Infrastructure
- Transport Infrastructure
- Water and Environment

Product / Service Examples

Swansea Bridge, New South Wales - Roads and Maritime Services (RMS)

SKM provided survey services associated with the fender design upgrade of Swansea Bridge in NSW. A combination of terrestrial laser, mobile laser scanning and multi-beam echo sounding was used to capture detail to the highest degree and provide RMS with a complete picture of the relationships between services, seabed, bridge structures, road structures and fenders.

SCIRT (Stronger Christchurch Infrastructure Rebuild Team), New Zealand

Following the Christchurch earthquakes of September 2010 and February 2011, SCIRT was set up for the rebuild of the water, wastewater and road infrastructure. SKM developed an online spatial viewer to provide all SCIRT staff, third parties and contractors with a single source of all project data.

National Atlas of Groundwater Dependent Ecosystems (GDE Atlas) - National Water Commission

The GDE Atlas offers the most extensive broad scale inventory of potential GDEs currently available in Australia, and is an important tool to help bring the identification and assessment of the water needs in the planning and allocation process.

Spatial Information Disciplines

Survey, Laser Scanning, Imagery, Remote Sensing, GIS, Spatial Analysis, Visualisation, Spatial Systems, Project Management

Company website

www.globalskm.com

