



SATELLITE IMAGERY

SATELLITE IMAGERY

We are able to provide a wide range of cost effective satellite imagery and DEM products through our authorized distribution agreements with North America, European, Indian and Japanese satellite operators. For applications where high resolution is required for a low cost, satellite derived image backdrops and satellite derived DEM data are well suited. We are able to program satellite acquisitions for up to date imagery or offer cost effective data from our archives. Our ability to fuse imagery from different satellite sources allows us to provide sensor independent, accurate, color balanced, cloud free mosaics at highly competitive rates.

Our satellite image data is available for regional coverages at 30m resolution, country coverages at 5m and project coverage's at 50cm. We are also able to provide multispectral imagery spanning the visible near infra-red wavelengths suitable for vegetation monitoring and mineral exploration. Optical stereo imaging and radar satellites allows us to provide DEM data and surface displacement monitoring. Satellites derived DEM outputs are typically at 2-5m grid postings at 5m vertical accuracy. Displacement monitoring which utilizes multi temporal radar imagery allows for sub-centimeter movements to be measured.

ABOUT SOUTHERN MAPPING

Southern Mapping provides LiDAR, Hyperspectral, Thermal surveys and mapping; as well as satellite imagery and associated product and GIS services for a variety of industries and sectors. These include civil engineering and infrastructure development, mineral exploration and mine management, environmental planning and rehabilitation, and urban and agricultural planning.



Colour	Cell value	Class
Yellow	1	Geological Feature 1
Green	2	Geological Feature 2
Orange	3	Geological Feature 3
Purple	4	Geological Feature 4
Blue	5	Geological Feature 5
Light Blue	6	Geological Feature 6
Dark Blue	7	Linear Geological Feature

