

Spatial Scientific *technologies*

A dynamic, innovative company delivering high quality, tailor-made imaging solutions throughout Australia and overseas.

Mining Industry Specialists

Spatial Scientific Technologies

An established Australian company dedicated to delivering high quality, tailor-made imaging solutions and geospatial technology to the mining industry.

Mining Applications

Using Australia's leading airborne remote sensing technology, our orthorectified images can be used for environmental impact studies, mine remediation and volumetric measurement. Our thermal imaging systems are ideal for sub-surface heat source detection.

Rapid response mapping

Our rapid response small format aerial photography services deliver data fast. Ideal for disaster mapping and management.

Airborne remote sensing

Airborne remote sensing is perfect for mining companies and environmental consultants seeking data acquisition that is cost-effective, flexible and reliable.

Multispectral remote sensing

Partnered with SpecTerra Services we use Australia's leading environmental sensor, with a proven 10 year track record. We supply four-band multispectral imagery in near infrared, red, green and blue bands. Accurate, reliable results.

Thermal Imagery

SST supplies airborne thermal imagery using a FLIR Systems thermal imaging camera. Data is acquired in the 8µm-13µm range, and can be directly correlated to surface temperature. Ideal for underground fire detection, environmental monitoring and disaster management.

Aerial photography & airborne video

High quality and high precision, we offer resolutions down to 1cm. Our orthorectified aerial photography is used successfully for environmental and rapid response applications. Data can be mosaicked and colour-balanced to be GIS ready.

Geospatial R&D Consulting

We solve geospatial problems involving remote sensing, photogrammetry, digital image processing, sensor design, and systems integration. Our solutions are tailor-made, cost-effective and deliver results.

Spatial Data Processing

SST's services provide unique, visual information for a range of applications including environmental impact surveys, mine remediation, stockpile volumetric measurement and three dimensional surface modelling. Our GIS services include basic to advanced vector and raster analysis.

Geospatial software development

We develop advanced software solutions for geospatial data processing including geometric and radiometric applications, advanced image processing, feature extraction and target recognition.

