

Spatial Scientific *technologies*

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

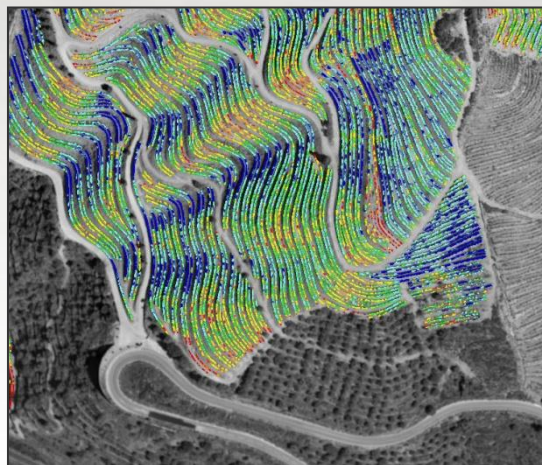
Multispectral imaging

SST has partnered with SpecTerra Services to supply Digital Multi-Spectral Imagery in South Australia and the Northern Territory, using the highly respected SpecTerra DMSC sensor system.

Data is supplied in four multispectral bands (NIR, R, G, B) and georeferenced to ground coordinates. All imagery is processed to a high level, with BRDF effects minimised.

For the mining industry, the sensor provides highly accurate, reliable data for environmental mapping and monitoring. Widely used by Australia's leading mining companies, the sensor has a proven track record for delivering results.

The DMSC sensor is also widely used in precision agriculture, vegetation mapping, viticulture analysis and assessment (see image, right) as well as environmental studies.



SpecTerra Services
airborne remote sensing

Camera specifications

Specification	DMSC System
Format	Airborne "framing" sensor using 4 interline transfer, 2048x2048 pixel CCD arrays
Radiometric Resolution	14 bit digitization, recorded as 16 bit.
Spectral Resolution	4 independent and replaceable narrow bandwidth spectral filters. Filters to 10nm in width, within the range 400-950nm may be used.
Lens Specification	24-28m fixed focal length lenses
View Angle	Maximum 17°, nadir pointing
Spatial Resolution	0.25m to 2.0m
Platform	Single engine or twin engine light aircraft

Please contact Dr. Paul Dare for further information.