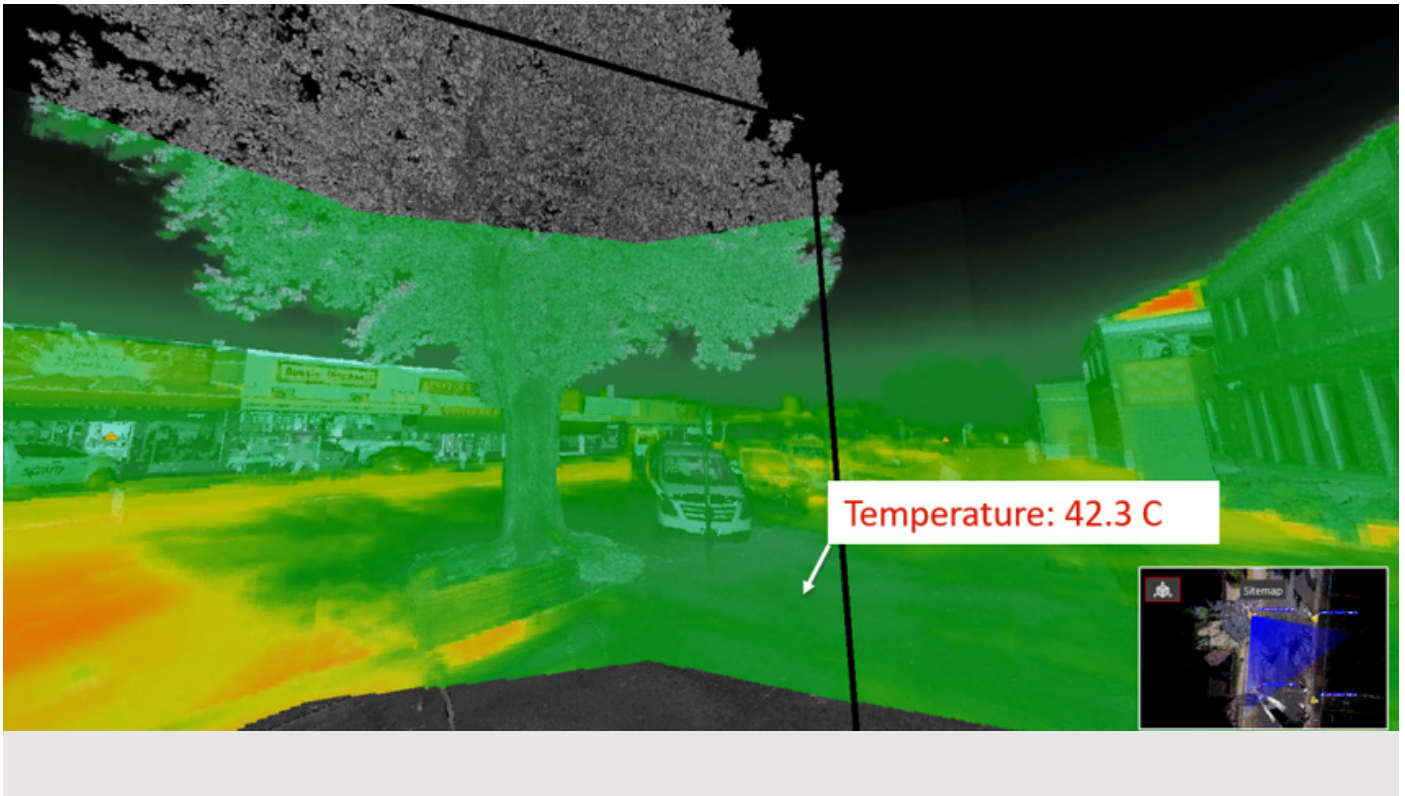


# ALBURY STREETScape THERMAL MAPPING

OLIVE STREET, ALBURY, NSW



## MARKET SECTOR

Urban Infill



## CLIENT

Albury City Council



## TIMELINE

January 2019



## SERVICES

Surveying

Spiire has been assisting in the capture and mapping of thermal information for Albury City Council with their Tree Planting Schemes. Helping to show the effect planting location has on shade coverage and temperatures at a street and pedestrian level within an urban environment.

Central to our vision was to provide spatially accurate thermal mapped imagery for the purpose of assisting council with Tree Planting Schemes in unshaded areas.

The project was conducted as a pilot for both Albury City Council and for Spiire. A main challenge was to time the field capture to maximise the differentiating heat values to truly represent the data during extreme heat. This is a very new methodology, and was untested for Spiire as well as potentially no one else in the industry.

Breaking ground with innovative workflow for capturing and analysing this type of Information Vision is to capture more streetscapes using this methodology to assist in other areas of concern for Albury City, as well as other councils across Victoria.

The project was deliverable through Point Cloud, HDR and Thermal Imagery data delivered in LGS format, along with a setup file for Leica Jetstream Viewer Software. The conducted pilot project for Albury City, captured the field work, and delivered a desktop product for the client to use and interrogate and measure specific features themselves.