

REGIONAL WINNER

Spatial Services

3D Theatre of Operations for Splendour in the Grass

What was the problem?

The goal was to deliver a major innovation in the form of a common operational picture for a major event, specifically a three dimensional theatre of operations that would assist event management staff in crowd operations and awareness.

How did you address it?

The 3D Theatre of Operations comprised 3D imagery, live feeds of video, asset and personnel tracking, fusing 3D imagery and GIS information as well as artificial intelligence (AI) tools such as crowd counting and dynamic feature extraction from video streaming. Although created at short notice, the system was successful allowing dynamic management of any incidents, with overall imagery available live at any given moment. This resulted in a higher level of safety throughout the event for both staff and the attendees.

What were the key outcomes?

By collaboration across State Government, Local Government and commercial providers an innovative and positive outcome was able to be achieved. This project has now enabled and proved that these technologies can be utilised at planned and unplanned events in NSW such as the New Year's Eve celebrations and fireworks in Sydney Harbour as well as Vivid and others, helping to ensure safe and efficient management of these events.

For more information about this project or to contact Spatial Services please visit their website:

<http://spatialservices.finance.nsw.gov.au>

