SOUTHERN MAPPING®

INFRASTRUCTURE DESIGN

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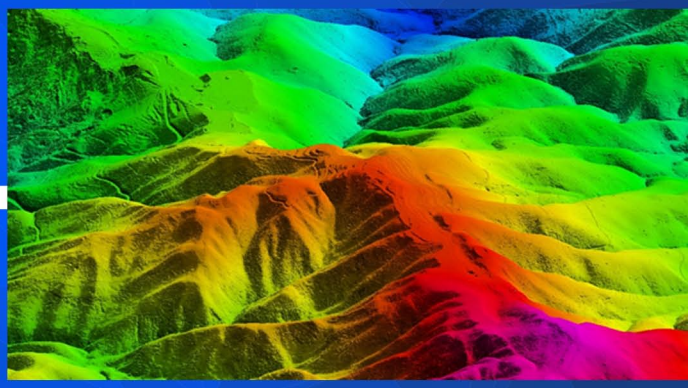
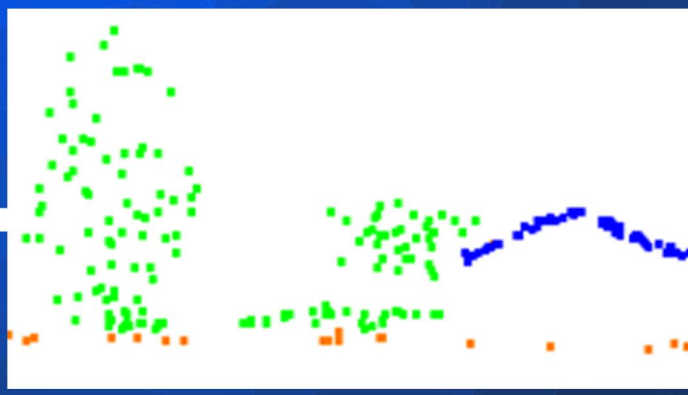
An Airborne Lidar survey is the ideal way to capture the topographic information required by an engineer in order to design infrastructure, whether it be a new road, railway line, pipe or power line or dam. In addition any reticulation system can be designed using a broad area survey.

The Lidar survey provides a highly detailed elevation model with densities of 1 to 20 points per square metre, depending on accuracy required. Each point is accurate in elevation better than 5cm, so the resultant surface is ideal for final design purposes. Lidar has advantage over conventional aerial survey that it is able to penetrate through vegetation and deliver an accurate ground level survey, even in the dense bush. This means that a design can begin long before any vegetation has been cleared and alternative routes can be evaluated at low cost and no impact on the ground.





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.

39 Kingfisher Drive | Fourways | JHB | Tel: +27 11 467 2609
info@southernmapping.com | www.southernmapping.com | Fax: +27 11 467 3443