

# Maptek Invests in UAV Technology



Maptek has made a significant investment in DroneMetrex, a start-up company from Adelaide, Australia, that has developed technology for aerial photogrammetric mapping from UAVs. The DroneMetrex system enables users to collect vast amounts of digital terrain data and imagery, offering heighting accuracy for rapid assessment, and integration of data into the day-to-day processes in industries such as mining, geospatial and agriculture requiring highly accurate elevation data.

DroneMetrex systems will integrate seamlessly with the standard Maptek mine planning [Vulcan](#) software system as well as the [Eureka](#) regional mapping system. Maptek [I-Site](#) 3D laser scanning systems provide a natural complement to the aerial data from [DroneMetrex](#), with both systems delivering high quality, accurate data quickly – allowing

users to measure and monitor surface changes on a regular basis.

Tom Tadrowski, managing director of DroneMetrex and an experienced mapping photogrammetrist and land surveyor, said the support of Maptek and its strong global network will accelerate the start-up company's growth. The rigorous research and development skills and robust software capability in Maptek will enhance DroneMetrex' products and ensure customers gain maximum benefit from the data captured by the TopoDrone-100 systems, Tadrowski added.

The TopoDrone-100 is a small UAV able to be operated with minimal training that collects high-precision aerial photographs for generating highly accurate terrain models with elevation accuracy of 20mm.

Maptek general manager Peter Johnson believes the DroneMetrex technology will be invaluable for many of their customers and will provide new and efficient ways to manage both large projects and regular spatial measurement challenges. This rapid data acquisition capability will deliver immediate rewards to the resources industry, he said.