



LASER MAPPING TECHNOLOGY FOR AFRICA

THE RIEGL LMS Z420I SCANNER IN ACTION

East Africa will benefit from the latest laser mapping technology with a high specification laser scanner from Kenyan firm **Ramani Geosystems**. Supplied by UK-based **3D Laser Mapping**, the **Riegl LMS Z420i scanner** can map the terrain in 3D. Thought to be the first high performance terrestrial laser scanner in the region, the scanner's rugged design is ideally suited for use in challenging environments. Ramani Geosystems, a multi disciplinary geospatial services company based in Nairobi, purchased the laser scanner in order to widen their portfolio of surveying solutions, deliver high end surveying services to existing

clients and provide access to new markets. The Riegl LMS Z420i consists of a high performance, long range laser scanner, with a measurement range of 2 – 1,000 metres and an accuracy of 10 mm, with associated operating and processing software and a calibrated and accurately oriented and mounted high resolution digital camera. The system collects data that lends itself to itself to automatic or semi-automatic processing of scan and image data to generate products such as textured triangulated surfaces or orthophotos with depth information. www.3dlasermapping.com