

D. PRODUCTS AND SERVICES

We offer various Geospatial products, services and solutions in Kenya and Africa at large. Our specific areas of expertise include:

4.1. Geospatial Products

GIS and Mapping Software: We offer a wide range of GIS, remote sensing, drone and mapping software including ArcGIS Pro, VertiGIS, Pix4D, Global Mapper and ENVI. As well, our wide range of GIS training courses augment the delivery of these software solutions.

Drone and Satellite Images: Both high resolution satellite and drone/UAV images are available at Orbital Africa. The satellite and drone images are available at 30 cm and 3 – 5 cm spatial resolution respectively. Additionally, we offer LiDAR images for cities & major towns in Kenya.

Map Design and Production: We offer highly imaginative and innovative customized map design and production services to wide range of clients in Kenya and Africa region at large. Some of the maps we produce include but not limited to:

- ▣ Topographical maps;
- ▣ Thematic maps;
- ▣ Soil/geological maps;
- ▣ Tourist maps;
- ▣ County and town maps etc.



Drones and UAVs: At Orbital, we're at forefront in employing latest drone/UAV technology incorporating multi-rotor (DJI drones), fixed-wing (SenseFly drones) and VTOL (Wingtra drones) as well drone image processing software e.g. Pix4D, Agisoft and Drone Deploy.

Survey Equipment: The survey technology is changing at unprecedented rate. At Orbital, we're authorized distributors of Stonex equipment in Kenya at East Africa region. The survey equipment includes: GNSS receivers, Total Stations, Level machines, 3D Laser scanners, Mobile GNSS (Mobile mappers), Echosounders & Continuous Operating Reference Stations (CORS).



Fig. 2: Modern Survey Equipment