

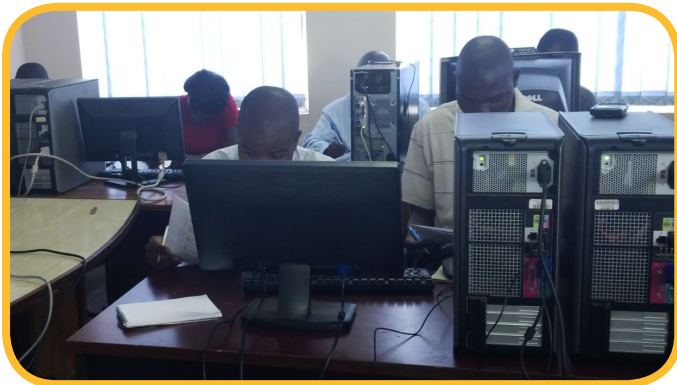
# CASE STUDY:

## Mapping & Upskilling in Africa

### OVERVIEW

In May 2012, AAM Africa was commissioned by the Malawi Ministry of Lands and Housing to acquire aerial photography and supply a digital orthophoto, and on-site GIS training.

The Orthophoto capture phase of project was commissioned on 20 June 2012, aerial photography was captured on 10 August 2012 and final products were delivered on 18 October 2012.



*GIS Software Training*

### SITUATION

The districts of Lilongwe and Mchinji are approximately 7000km sq combined. Due to increased economic activity, the areas are experiencing population growth and infrastructure development. Mapping was outdated and the Ministry required updated imagery in a short time frame.

Malawi Ministry of Lands and Housing Asset management required the imagery for various reasons including:

- Asset Management and Capture
- Land Development studies
- Urban analysis
- Urban Planning

### ACTION

Due to government legislation, the project needed to follow the local tender process. Malawi Ministry of Lands and Housing published the tender on international bidding platforms.

AAM proposed a winning solution that included the use of 1 of AAM's 3 state of the art A3 VisionMap digital cameras to capture the area. VisionMap's A3 digital mapping system, which includes an advanced digital aerial camera and an automatic ground processing system, captures and processes areas 2-3 times larger than competing systems, in significantly less time.

### RESULT

AAM deployed their aircraft and A3 VisionMap camera to capture the 7000km sq area. The data was captured within a week of mobilisation and sent to our Orthophoto Centre of Excellence in Cape Town for rapid data processing

Together with the orthophoto deliverable, AAM implemented a GIS software platform with on-site data capture and analysis training for 15 personnel.