

## WorldDEM Streaming Service

WorldDEM Streaming is a commercial webservice that grants view access to global digital surface models (DSM) with unprecedented quality, accuracy and coverage in your GIS software package.

Via a simple API (OGC WCS protocol), elevations for any area can be activated and used for analyzing and streaming preliminary design.

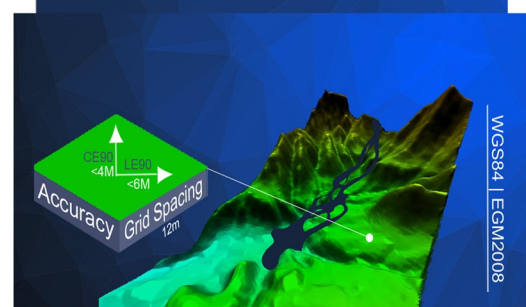
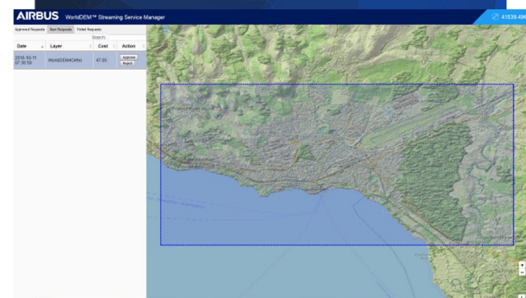
The data is supplied in a simple grid format at a 12m (0.4 arcsec) spacing. The absolute vertical accuracy is better than 4m (at 90% confidence) and between 2m and 4m relatively, depending on the slope in the area. Absolute horizontal accuracy is better than 6m (at 90% confidence).

The data is suitable for engineering applications such as route selection and comparison, profile generation, water modelling, line of sight analysis, and conceptual design. Even very small areas of interest (AOI) may be streamed, allowing you to exactly define individual AOIs.

Access is paid yearly and can be used multiple times, by multiple registered users. There are flexible packages available that range from a starter pack to a professional package, which offers more square kilometers at a lower rate. The assigned system administrator is always in control of usage through an approval system.

## About Southern Mapping

Southern Mapping, a Woolpert company, is based in Johannesburg, South Africa. Southern Mapping offers extensive high-accuracy lidar, imagery and remote sensing experience, as well as airborne topographic, hyperspectral, and thermal survey and mapping. We provide mapping services for engineering, infrastructure, mining, mapping, agriculture and environmental sectors in more than 45 African countries. Together with our parent company Woolpert, Inc., our talent includes a deep bench of worldwide, industry-leading experts that acquire, process and evaluate aerial, terrestrial, and bathymetric lidar and survey data. Through that alignment we employ our own fleet of manned and unmanned aircraft and cutting-edge sensors for both public and private applications. Southern Mapping is proud to be part of this powerful geospatial team, applying a wealth of unparalleled services across the globe.



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