

4DMapper Incorporates Global Mapper SDK Enabling Cloudbased Geospatial Analytics



4DMapper has chosen the Global Mapper Software Development Kit (SDK) from Blue Marble Geographics as the engine behind its online data analytics services. The company's cloud-based approach to geospatial data creation and distribution reduces the need for its customers to maintain high-end processing hardware and software, plus it simplifies and streamlines access to the processed data. By using a collection of Global Mapper's 3D data manipulation tools, 4DMapper users can quickly and easily convert a point cloud into contours, generate an elevation grid and much more.

NEV

Built around an intuitive, user-friendly interface, the 4DMapper enterprise geospatial data management platform leverages the cloud computing capability of Amazon Web Services (AWS) to deliver its results that are comparable to the desktop version of Global Mapper.

Software developers from 4DMapper working with their counterparts at Blue Marble, have developed a prototype service of the Global Mapper SDK on AWS to provide a set of utilities for on-demand geospatial data creation and management.

Among the tools available to 4DMapper customers are Lidar ground point identification and reclassification; DEM creation from a point cloud; custom contour generation; and delineation of ridgelines. Each of these workflows involves the uploading of the relevant source data and results in the creation of a derivative file that can be quickly and easily shared with a customer or client on a web browser.

https://www.gim-international.com/content/news/4dmapper-incorporates-global-mapper-sdk-enabling-cloud-based-geospatial-analytics