

Columbus 4 Redesigned for Cloud Use

Best-Fit Computing (USA) has released Columbus 4, its web-based least-squares network adjustment software product. Featuring a completely redesigned and simplified user interface, it facilitates access to Columbus anywhere, anytime using an internet browser. Powered by Amazon.com's cloud infrastructure, users have the comfort of always working with the latest version.

Columbus 4 features a robust, geodetic-based adjustment engine. This eliminates mathematical distortions of both small and large projects, allowing Columbus 4 to support projects that span any distance. Geoid modelling is handled in the cloud, so there are no more grid files to manage. Users can optionally store data in the cloud on Amazon's secure, reliable servers (backed-up daily), giving access to it from any browser. Columbus 4 also features support for third-party file import, as well as 1D, 2D and 3D network adjustments using geodetic, grid or local coordinate systems.

Columbus' new feature, Adjust From File, allows to define your entire network adjustment settings from within one input file, bypassing the user interface settings. It's like solving an adjustment from a command line, but with the ability to view the results within sortable user interface grids. This archived data file can be used to repeat the same adjustment year after year, sharing data with others, with the assurance that the results will be the same each time.

For more information about Columbus 4 or to take a quick video tour, visit the company's website.

<https://www.gim-international.com/content/news/columbus-4-redesigned-for-cloud-use>
