Lidar Streaming Cloud Software and Services

In preparation for this year's Intergeo conference, Gexcel from Italy has released its Lidar point-cloud streaming cloud-enabled server software. The gexcel R3Xtream Point Cloud Engine software provides web browser-based visualisation access to point clouds of virtually unlimited size on stand-alone workstations and network servers. For organisations without an appropriate internet serving environment, fully scalable and secure cloud services can be provided.

The gexcel R3Xtream Point Cloud Engine provides data serving and sharing of unlimited point-cloud and image scan sizes concurrently to multiple users, unhampered by most bandwidth speed limitations. Combined with Gexcel’s JRC 3D Reconstructor analysis software full feature extraction, surface rendered solid images and analysis can be executed with metadata, vector and raster layers easily stored for later use in CAD packages.

The gexcel R3Xtream Point Cloud Engine is suited to large enterprise environments employing sensor fusion of mobile mapping, tripod mounted terrestrial and airborne lidar combined projects. The JRC 3D Reconstructor package also provides full functionality to incorporate almost any type of external camera capture device so that the imagery can be directly calibrated and incorporated into existing Lidar systems and projects.

See Gexcel at Intergeo 2012 in Hanover, Germany, Hall 9 Stand A.35

https://www.gim-international.com/content/news/lidar-streaming-cloud-software-and-services