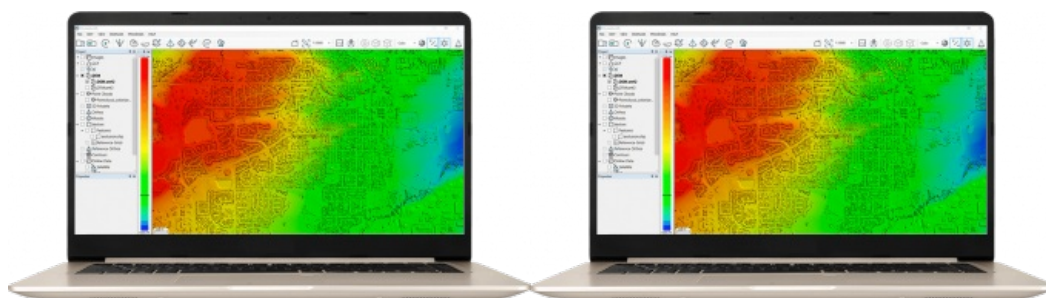# SimActive and LiDARUSA partner for user-friendly Lidar data

SimActive has announced that users of LiDARUSA's multi-sensor systems can now take advantage of SimActive's Lidar point cloud colourization capabilities. Using SimActive's Correlator3D software, users can integrate Lidar data and imagery to create more realistic models. SimActive is a leading photogrammetry software developer.

To begin, the Lidar point clouds are imported into Correlator3D, and the collected imagery is automatically registered with the Lidar data acting as control for the registration process. Each Lidar point is then colourized using the images. Typically, Lidar point clouds do not include realistic colours, which can limit their user-friendliness. With Correlator3D, it is easy to add colour to the Lidar point clouds based on photogrammetry images, resulting in more accurate and understandable data.

Jeff Fagerman, CEO at LiDARUSA, notes that while Lidar is an excellent technology, colourizing Lidar data can make it more user-friendly and accessible to everyone. With Correlator3D, LiDARUSA clients can easily colourize Lidar point clouds from their multi-camera systems.

LiDARUSA, also known as Fagerman Technologies, is a family-owned business based in Huntsville, Alabama, USA, specializing in laser scanning, photogrammetry, instrumentation and geomatics. SimActive is the developer of Correlator3D software, a patented end-to-end solution for generating high-quality geospatial data from satellite and aerial imagery, including drones. Correlator3D performs aerial triangulation (AT) and produces dense digital surface models (DSM), digital terrain models (DTM), point clouds, orthomosaics, 3D models and vectorized 3D features.

Correlator3D is a software solution that generates high-quality geospatial data from satellite and aerial imagery. (Image courtesy: SimActive)

https://www.gim-international.com/content/news/simactive-and-lidarusa-partner-for-user-friendly-lidar-data