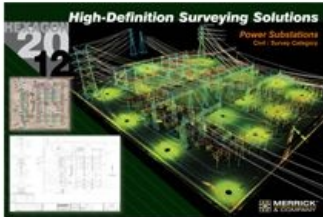


First Place for Merrick Survey Team



Merrick & Company, based in Colorado, USA, has won the first place in the civil/survey category of the 'High Definition Surveying (HDS) Plan' contest, hosted by Leica Geosystems. The annual event was part of Hexagon 2012, held in Las Vegas in June.

The awards programme allows Leica HDS/laser scanning users to submit posters with laser scanning deliverables in one of three categories, including buildings/heritage, civil/survey, and plant/marine. Winners were judged on completeness of plan, creative use of point cloud, creative use of model, and overall appearance.

Merrick's submittal represents a detailed image of a power substation facility. Merrick Survey utilised HD laser sensors to provide an as-built surveying and mapping product.

The composite geo-referenced point cloud was collected with 18 scan worlds; each position rated at four million pixel resolution covering the twenty acre project site. The cloud dataset was digitised with conventional feature lines and points then exported to a CAD platform to create the final three-dimensional mapping product.

HDS Technology

Whether topographic surveying is done with a tape or chain, a total station, or GPS, the focus is on the collection of individual, significant points. In a day's work, hundreds or even thousands of points are collected by these types of measurement devices. Safety is a priority at Merrick and big part of the culture. Any technology that enhances safety by reducing a potential hazard of having a surveyor at the data point is a worthy consideration. Since HDS does not require a surveyor's presence at a data point, the operation is non-invasive in nature, thereby offering tremendous safety advantages.

<https://www.gim-international.com/content/news/first-place-for-merrick-survey-team>
