Article Side
The Application of 3D Laser Mapping by Chris Adam

Article published on June 7th 2012 | Technology

3d laser mapping is used when a laser scanner is actually used in garnering all the environmental spatial information and object so as to transfer the same on the computer and recreate improvised data models. Surface models, polygon mesh models and CAD models are the three types that are used in incorporating designs, conceptualizing objects and designing the intent. Therefore, 3d laser mapping has different applications you need to know.

Current study shows that laser mapping has become synonymous with traditional engineering industry and also medical practice. But currently the technology helps in bringing mammoth help in the organizations and industries so that it assists in the collection of data from the environments and various objects.

The three important areas where laser mapping has made its penetration

Engineering process uses 3d laser mapping or scanning to surface model, conceptualize and also include the design intent for the different products. This is called reverse engineering. The process uses two basic capacities that include correction of design defects, fabrication of the different processes and incorporation of design in the built-in objects.

The technology is also used in law enforcement. It is used for scanning accident scene data and crucial crime. Laser scanning is very much important for investigators since the process helps them in performing the perfect job so as to capture data, from the crime point and use the same for reaching to the core of it at the end.

The technology is also used in historical preservation. Historical preservation pays focus on gathering information on historical objects, and other details from the site..

Thus, now you know the application of technology in three different fields. Eventually you also get to know its usefulness and advancement of the various work process with the use of technology.

Article Source:
http://www.articleside.com/technology-articles/the-application-of-3d-laser-mapping.htm - Article Side

Chris Adam - About Author:
For more information on a laser mapping, check out the info available online at http://www.lidarus.com/

Article Keywords:
3d laser mapping,laser mapping

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!