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MENSI RELEASES 3Dipsos VERSION 2.3

MENSI Announces Latest Version of 3D Modeling Software

MICAD, Paris, France, March 28, 2000. MENSI, the world's first developer and supplier of 3D laser scanners and 3D modeling software for as-built and real world data capture and modeling, announced its new version of its modeling software 3Dipsos Ver. 2.3. Created for as-built 3D modeling, 3Dipsos features new functions and ergonomic design including semi-automatic pipe modeling, geometric fitting, DGN, IGES and VRML output, OBJ input, image browser, new geometric entities, macros for handrails and ladders, and new improved DXF and DGN interfaces.

3Dipsos is used to reconstruct 3D models from large sets of point cloud data created by the SOISIC scanner. It is part of MENSI's worldwide-leading solution for as-built data capture and reverse engineering of large industrial sites including process, power and oil and gas related plants. The software can also be used to construct triangulated meshes directly from clouds of points, in order to model non-mathematical shapes like statues, "bas-relief," historical monuments, natural scenes or other irregular objects. The uses for this software include maintenance, revamping, retrofit, animation, designing, entertainment, games development, stereolithography, virtual reality, forensics and accident reconstruction.

According to Ikenna Nwosu, lead engineer for the Forcados Project, Shell Nigeria, "The 3D model has virtually eliminated the need for expensive site visits for the designers in Europe going offshore Nigeria to visit the plant. This has been achieved by using the basic 3D data files to produce an interactive virtual reality model of the platform. The engineers in their offices in Schiedam, Holland using the 3D model can wander around the platform and have a good appreciation of the platform. This translates to further time and cost savings for the project." Mr. Nwosu delivered his analysis at the recently held Daratech Plant 2000 Conference in Houston, Texas.

MENSI produces both hardware and software products. Its 3-D scanning sensor uses laser technology to capture physical objects such as structures or scenes and converts them into digital point cloud data for follow-on processing. The software program processes point cloud data into 3-D models. The user can then manipulate this model, extract its geometry or create surface models and output them to various 3rd party modeling, simulation, CAD or AEC software products such as, AutoCAD, Micrsostation PDMS, PDS Alias/Wavefront, Paraform, Raindrop Geomagic, and 3D Studio Max. Unique capabilities of the MENSI software include automatic image and texture mapping onto scanned surfaces, and automatic registration of multiple scanned points of view. The software is ideal for companies that need to capture existing geometries and physical relationships when the use of conventional methods, such as traditional drawings, are inadequate, unavailable or impractical to use.

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