

Technodigit exhibits 3DReshaper® The 3D Scanner Software at Euromold

Technodigit will exhibit this year at **Euromold (Frankfurt, Dec 05-08, 2007)** to present 3DReshaper® Application, the complete solution for 3D Scanners.

With more than 10 years of experience in the development of our software 3DReshaper® Application, we will be proud to show you all its advantages at **Hall 5.1, stand B82** from 5th to 8th December 2007.

From scanner developers to manufacturers, our complete solution is convenient thanks to powerful algorithms and we are specialized in point cloud treatment and meshing process.

Users already convinced by 3DReshaper® work for various applications such as :

- **Architecture & Cultural Heritage:** monument restoration or storing,...
- **Digital terrain modeling & Surveying:** landscape or road movements,...
- **Software development:** to develop your solution from our technology;
- **Medical & Dental reconstruction:** prosthesis and teeth reconstruction;
- **CAD-CAM & Inspection:** 3D control for production unit and file preparation for CAD software.

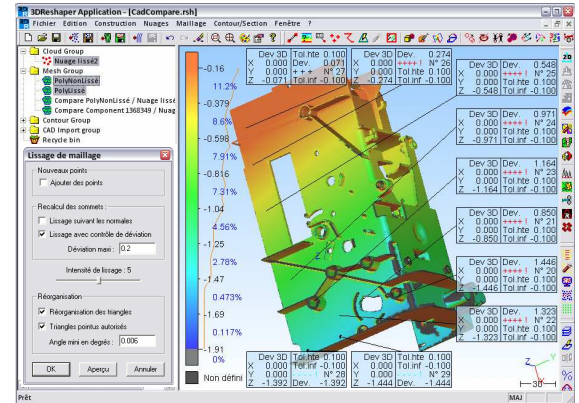
We propose two main products:

3DReshaper® Application is a 3D point clouds processing software for users who need to handle rapidly point clouds files (wherever they come from) to obtain high quality 3D meshes. An evaluation version can be downloaded free.

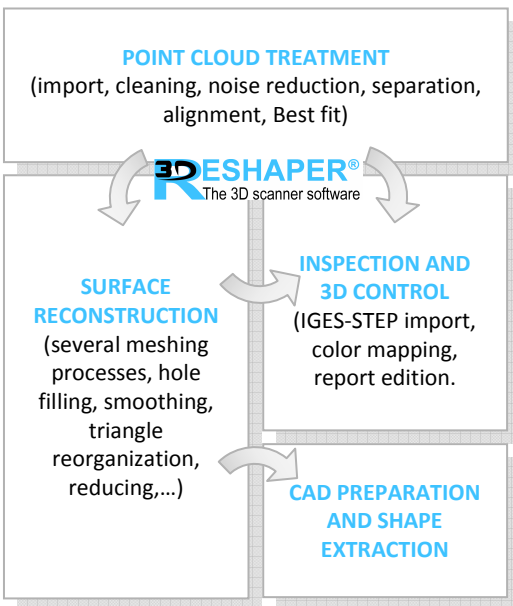
3DReshaper® Library is a collection of C++ functions for covering all the needs in terms of point cloud processing and particularly for reverse engineering, surface reconstruction and inspection applications.

3DRESHAPER®

The 3D scanner software



3DReshaper® Application: a complete user-intuitive interface. Here, a 3D control between a measured shape and an IGES file with color mapping and label edition.



Summary of 3DReshaper® Application main features: from point cloud to inspection and CAD preparation.

Visiting us at Euromold you will discover all the functionalities of 3DReshaper®:

- **Point cloud treatment:** no limit concerning point cloud import, registration, best fit, cloud alignment, cleaning, noise reduction, mesh coloration,...
- **Surface reconstruction:** meshing along curvatures, mesh restriction, mesh import and STL correction, hole filling, surface smoothing, mesh cutting by contours, spikes elimination, Boolean operation, mesh reduction, optimization for finite element analysis, 3D global deformation,...
- **Inspection and 3D control:** IGES-STEP import, 3D control and inspection, contour control, automatic probe radius compensation,...
- **CAD preparation and shape extraction:** reconstruction of geometrical shape, section calculation, feature line extraction,...

Moreover, we are constantly in contact with measurement devices manufactures, in order to develop direct interfaces to enable:

- Online measurement,
- Online shape extraction,
- Online inspection.

Visit us at Hall 5.1 stand B82!

About Technodigit

TECHNODIGIT is an independent company working close to the MBPS-AIRINDEX group implanted in France near Lyon. We are specialized in digitalization and 3D modeling, reverse engineering, surface reconstruction and control. Since 10 years, we have developed a software called 3DReshaper® to make 3D point cloud processing from measurement points.

For more information about our products or our presence at Euromold, please contact Hélène Colin by e-mail (h.colin@technodigit.com) or by phone (+33 4 74 07 09 03).



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