

## InnovMetric Opens an Office in India

InnovMetric and a local Indian business partner have just finalized the incorporation of **PolyWorks Software India Private Limited**, a subsidiary of InnovMetric Software, based in Pune, Maharashtra, India.

This company will be in charge of promoting the PolyWorks software suite and the use of point-cloud-engineering throughout the Indian manufacturing industries. The group will also support local PolyWorks users and distributors by providing technical support and training services.

This is the third international subsidiary office for InnovMetric, who also has offices in the USA and China.



## Upcoming Events

September 22-24  
 TEAM TECH 2008  
 Bangalore, India

October 6-8  
 FABTECH 2008  
 Las Vegas, NV, USA

Oct 30 - Nov 4  
 JIMTOF 2008  
 Tokyo, Japan

November 12-15  
 Dongguan International Exhibition  
 Dongguan, China

November 20-23  
 Metalex Thailand 2008  
 Bangkok, Thailand

December 3-6  
 EuroMold 2008  
 Frankfurt, Germany

For more information on these events, [click here](#)

## New PolyWorks Distributors

**CogniTens Ltd.**  
 Territory: World except Japan  
 PolyWorks bundled with: Cognitens  
 Optigo and/or Opticell  
 Contact: [Tal Vagman](mailto:Tal.Vagman@cognitens.com)  
[www.cognitens.com](http://www.cognitens.com)

**Globus Technical Equipment Ltd.**  
 Territory: Israel  
 PolyWorks on stand-alone basis: YES  
 PolyWorks bundled with: Hexagon  
 Metrology portable and/or stationary  
 CMMs  
 Contact: [Nir Schkolnik](mailto:Nir.Schkolnik@globus.co.il)  
[www.globus.co.il](http://www.globus.co.il)

## New Features in PolyWorks 10.1.X

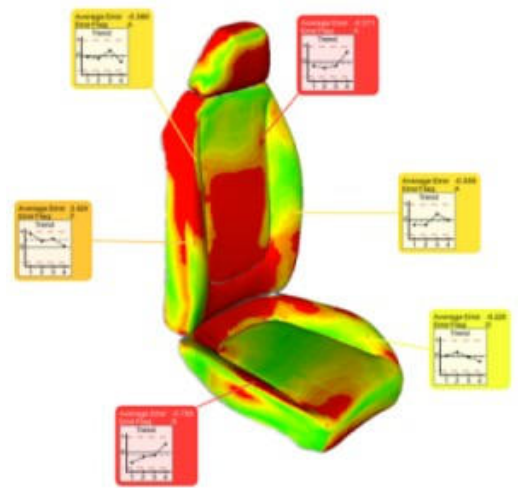
While we are working hard on our new major release of PolyWorks V11, we are also regularly introducing new functionalities in our current 10.1 release in order to quickly improve and optimize 10.1 functionalities or enable new business opportunities. Here's an overview of noticeable new features that have been introduced in 10.1.X patches:

- IMAlign now offers new fitting methods to create 3D image reference points from digitized targets (10.1.14)
- The spherical grid scan subdivision workflow in IMAlign has been enhanced, and geo-referencing of scan data has been simplified (10.1.7)
- IMEdit can now merge two overlapping polygonal models (10.1.7)
- IMEdit users can now compare a polygonal model to a NURBS model (10.1.4)
- IMInspect offers a significantly improved workflow to perform the analysis of multiple Data objects, including the display of trend charts at user-picked locations (10.1.2)
- IMInspect can compute normal vectors for data points based on Reference object surfaces (10.1.10)
- Compensation methods in IMInspect plug-ins are now configurable (10.1.14)
- Device buttons can now be used to respond to message dialog boxes (10.1.14)

It is our commitment to respond quickly to your important needs and provide the most stable 3D metrology platform on the market. To download the latest PolyWorks patches, please visit our Technical Support Zone. We also invite you to check our website regularly for the announcement of the release date of PolyWorks V11.

### Trend charts for multiple data objects analysis

[Click here to expand](#)



### Merging Polygonal Models



IMEdit 10.1.7 offers a new operation to merge two overlapping polygonal models into one automatically. The operation is Model > Merge Two Models. The new function is useful when users need to combine polygonal surfaces captured by different 3D digitizing technologies, such as laser scanners and white-light digitizers.

In the merging operation, one model always has a higher priority. Starting from the boundary of the higher priority model, IMEdit detects overlapping areas between the two models. The two models are then blended over a user-specified distance from the boundary of the higher priority model.

[Click here for more information](#)

## New Probing Methods for Comparison Points and Features

IMInspect 10.1.4 and 10.1.6 introduced new probing methodologies that allow users to randomly probe features and comparison points, thereby resulting in greater flexibility. In the Auto-Detect mode, measured features are automatically matched to nominal features based on proximity and similarity criteria.

As for comparison points, the Auto-Detect mode initially displays all of them, and users can probe them in any desired order. Comparison points are automatically hidden after they have been probed, to make it easy to visualize which ones remain to be probed.

[Click here to launch video](#)

