



InnovMETRIC

Software



PolyWorks®

The Universal 3D Metrology Software Platform™

Who We Are

InnovMetric Software Inc. is a software development company based in Quebec City, Canada, that develops PolyWorks®, and markets and supports industrial 3D metrology solutions worldwide based on the PolyWorks universal software platform.

History

- 2010** | Five automotive OEMs own more than 100 licenses each
- 2008** | Foundation of PolyWorks Software India Pvt to develop PolyWorks business in India
- 2007** | Major automotive OEM purchases its 500th license since 2001
- 2006** | Foundation of PolyWorks Software Shanghai Ltd to develop PolyWorks business in China
- 2005** | Foundation of PolyWorks USA to support customers and distribution partners in the USA
- 2004** | First international User Meeting in Quebec City
- 2002** | InnovMetric sells its 1000th license
- 2000** | First release of PolyWorks/Inspector
- 1999** | Strategic partnership with Duwe-3D AG, located in Germany
- 1996** | First release of PolyWorks/Modeler
- 1994** | Foundation of InnovMetric Software Inc. by Marc Soucy and Esther Bouliane

Our Success

PolyWorks has the largest installed base of high-density point cloud processing software in the industrial manufacturing community worldwide. This success was achieved in four consecutive stages:

- Base PolyWorks on a deeper knowledge of 3D point cloud digitizing principles. This allowed InnovMetric to offer superior polygonal modeling methodologies and handle huge point cloud datasets that no other software could process.
- Collaborate extensively with the world's largest automotive, aeronautic, and consumer good OEMs to deploy point cloud technology in tool and assembly engineering in order to reduce their time to market.
- Develop a universal platform that supports all point cloud digitizing technologies, as well as major brands of contact-based portable probing devices, to reduce training costs, increase employee productivity, and allow the sharing of metrology projects throughout the whole organization.
- Introduce industry-specific 3D metrology solutions dedicated to performing point cloud engineering for various niche industrial markets. These solutions are based on the robust measurement, analysis, and modeling foundation offered by PolyWorks.





our Markets

Primary Industries

- Automotive
- Aeronautic
- Consumer Goods
- Energy
- Metalworking

Primary Applications

- Sheet Metal Inspection
- Die Prototyping
- Virtual Assembly
- Metal Casting
- Plastic Molding Inspection
- Pilot Assembly
- First-Article Inspection
- Pre-production Inspection
- Copy Milling
- Tooling Manufacturing
- Design and Reverse Engineering
- Rapid Prototyping
- Advanced Visualization
- Finite-Element Modeling

our Structure



Why Choose Us

We focus on engineering and manufacturing applications

- We closely collaborate with the world's largest engineering and manufacturing organizations to resolve their most challenging technical issues.
- Every year, we release innovative technologies that significantly reduce our customer's lead time and open new industrial markets for high-density 3D metrology.

We offer the best technical support

- With over 40 highly skilled and experienced application specialists located on three continents, you quickly get the answers that you need.
- Our application specialists willingly review your measurement results and can advise you concerning workflows and methodologies.

We are the most reliable

- We offer the most stable software and device plug-ins on the market.
- We efficiently handle large datasets, and have done so since Day 1.
- Global OEMs use our solution as a corporate software platform.

With InnovMetric and PolyWorks®, get a total customer-driven solution

FROST & SULLIVAN

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Your One-Stop 3D Metrology Partner

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Duwe-3d AG, partner office in Europe

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