



# 3D Systems Software Solutions

## A Digital Thread from Design-to-Manufacturing

When it comes to covering all aspects of “design to fabrication”, only **3D Systems provides a comprehensive line of software solutions** that cover everything from scanning, parts and tool design, milling, turning and MTM manufacturing, to 3D printing and inspection.



**3DSYSTEMS®**

## Scan

Combining history-based CAD with 3D scan data processing, **Geomagic Design X** is the only reverse engineering software that enables you to create feature-based, editable solid models compatible with your existing CAD software. 3D Systems Capture scanner seamlessly brings physical objects into CAD and supercharges your product development process.

## Part Design

**Geomagic Design:** 3D Systems CAD software enables you to make amazing mechanical designs quickly and easily. Create intelligent parts, assemblies and drawings with fully parametric solid modeling software.

**Geomagic Freeform** is a unique touch-enabled solution that facilitates fast 3D modeling of complex, highly detailed, organic shapes for prototyping or manufacturing.

For producing manufacturable, highly-detailed objects that are intricate or organically shaped, (such as toys, figurines, medical implants, fine art or other sculptural objects), use **Geomagic Freeform Plus**, our multi-representation, multi-purpose digital modeling and CAD system.

## Tool Design and Machining

Deliver high quality molds of any complexity and size in record time, using **CimatronE** for Mold Making. Our integrated CAD/CAM solution for mold design and machining will increase your business competitiveness and profitability with a wide range of dedicated design applications and applicative tools as well as a full range of NC technologies from simple 2.5 axis milling and drilling to complex 5-axis machining and micro milling.

From Quoting to Delivery, **CimatronE** for Die Making will enable you to meet the unique challenges faced by die makers today. Thanks to its comprehensive set of tools and applications together with 2.5X to full 5X NC programming, designing and producing high quality dies of any complexity and size can be accomplished with significantly faster delivery times.

## Production Machining

Program your CNC machines quickly and easily with **GibbsCAM**, a user-friendly CAM system that boosts productivity by reducing both programming time and cycle time. GibbsCAM offers seamless integration with any CAD System and a powerful range of options from 2-5 Axis Milling, Turning, High-Speed Machining, Mill-Turn, Multi-Task Machines, Swiss-style machines, and Wire EDM.

## 3D Printing

As the pioneers and inventors of 3D Printing, 3D Systems' wide range of printers and materials ensure that your parts are built with the utmost precision.

Our suite of **SLA**® and **SLS**® software tools will enable you to pack as many parts onto the platform as possible. Nesting is made easy and part quality is second to none.

## Inspect

Streamlining the inspection process and enabling you to identify and fix problems on both first article parts and production parts, **Geomagic Control** delivers a comprehensive inspection automation platform with tools that allow you to measure physical objects and match the results to your digital files.

### About 3D Systems

3D Systems provides the most advanced and comprehensive 3D digital design and fabrication solutions available today, including 3D printers, print materials and cloud-sourced custom parts. Its powerful ecosystem transforms entire industries by empowering professionals and consumers everywhere to bring their ideas to life using its vast material selection, including plastics, metals, ceramics and edibles. Its democratized 3D digital design, fabrication and inspection products provide seamless interoperability and incorporate the latest immersive computing technologies. 3DS' products and services disrupt traditional methods, deliver improved results and empower its customers to manufacture the future now.



**3DSYSTEMS**®

**For more information go to:**

[www.3dsystems.com](http://www.3dsystems.com) | [www.cimatron.com](http://www.cimatron.com)  
[www.gibbscam.com](http://www.gibbscam.com) | [www.geomagic.com](http://www.geomagic.com)