

Polyga Company Overview

What

We create professional-grade software for working with 3D scan data used in processing, inspection, reverse engineering, and collaboration. Our tools are designed to simplify complex workflows without sacrificing accuracy or control.

Where

Based in Vancouver, Canada, we design and develop all of our products locally while serving engineers, researchers, and organizations across the world.

Who

Polyga software is built for engineers, manufacturers, researchers, and 3D professionals who require precision, speed, and flexibility when working with data from scanners, LiDAR, or photogrammetry.

About Us

Polyga Inc. develops the Polyga Software Suite, including Xtract3D 2 for SOLIDWORKS scan-to-CAD, PointKit for advanced scan processing and analysis, and PointKit View for browser-based collaboration. Since our founding in 2016, we've focused on creating dependable, practical software that turns raw 3D captures into precise, usable results.

Our customers range from manufacturers and product designers to universities, cultural institutions, and healthcare providers. No matter the industry, we build solutions that reduce friction, speed up workflows, and improve outcomes.

Mission

Our mission is simple: to make working with 3D scan data faster, more reliable, and more productive. We build software that covers the entire workflow, from importing and aligning data, to measurement, reverse engineering, and communication. Whether you capture with a desktop scanner, handheld device, LiDAR, or photogrammetry system, Polyga software helps you get from raw data to results quickly.

Polyga Software Suite

Xtract3D 2: A native SOLIDWORKS add-in that enables precise reverse engineering with scan-to-CAD cross-sectioning, sketching, and modeling tools.

PointKit: A Windows application for importing, aligning, cleaning, decimating, measuring, inspecting, and preparing scan data with streamlined, high-performance workflows.

PointKit View: A browser-based viewer for sharing and analyzing 3D scan data directly in any WebGL-compatible browser, supporting input from scanners, LiDAR, and photogrammetry.

Principles

Compatibility: Seamless compatibility with common mesh and point-cloud formats ensures Polyga software integrates into existing workflows with minimal effort.

Performance: Modern algorithms and efficient data handling let users process large datasets quickly, cutting turnaround time without compromising accuracy.

User Experience: A clear, focused UI and well-documented workflows allow professionals and teams to adapt our software with confidence and speed.

Background

Polyga has more than a decade of experience in 3D scanning and mesh-processing software. We continue to ship reliable, high-performance releases that evolve with industry needs. Legacy tools such as FlexScan3D remain widely available for specialized use cases, while our current suite represents the future of professional 3D scan-data software.

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