

What's new in



PolyWorks® 2026

Digital Thread Infrastructure



SAAS OR SELF-MANAGED: YOUR DIGITAL THREAD, YOUR CHOICE

Modern manufacturing demands flexibility. Every organization has unique priorities—whether it's leveraging existing infrastructure or embracing the scalability of the cloud. With PolyWorks | DataLoop™ 2026, you gain the power to choose the deployment model that fits your strategy.

Introducing DataLoop Cloud™, our cloud-based software-as-a-service (SaaS) platform that eliminates the operational burden of setup, deployment, and maintenance.

▶ CLOUD-OPTIMIZED INFRASTRUCTURE

Access a fully configured data management environment that requires no hardware investment or lengthy setup.

▶ BUILT-IN SCALABILITY

Start with low-cost options and seamlessly scale as your usage and needs evolve. Manage massive data volumes with resilient cloud storage that replicates across multiple physical sites for unparalleled reliability.

▶ ADVANCED DATA PROTECTION

Data replication, continuous monitoring, and point-in-time backups guarantee high availability and fast recovery in the event of a critical failure.

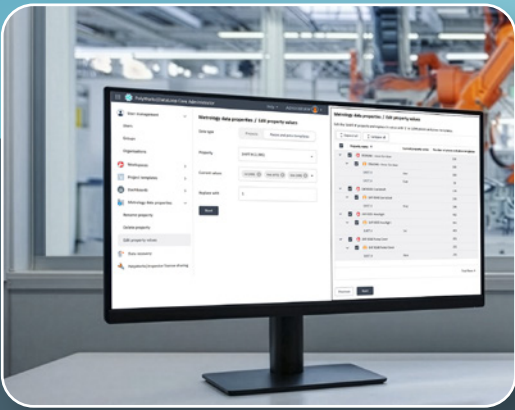
▶ ENTERPRISE-GRADE SECURITY

Safeguard sensitive data with state-of-the-art cloud security.

Boasting the lowest cost of ownership, DataLoop Cloud ensures your data management environment is always available so you can focus on quality.

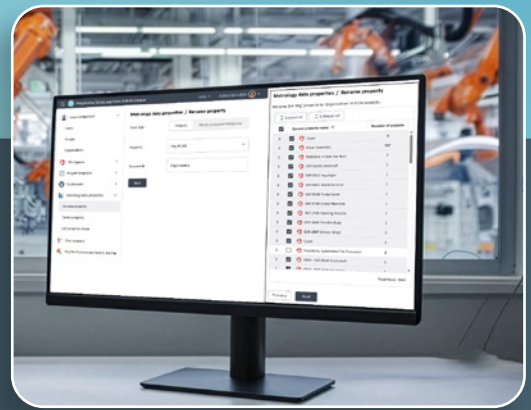
ENHANCED METADATA: FASTER ROOT-CAUSE ANALYSIS

Delays in resolving issues often stem from inconsistent or incorrect metadata, the piece or project properties that provide context for design, fabrication, and measurement processes. PolyWorks | DataLoop 2026 offers tools to clean and standardize properties across your database, improving traceability and accelerating root-cause analysis.



▶ DATABASE-WIDE PROPERTY EDITING

Delete or rename properties for consistency across projects.



▶ ERROR CORRECTION

Ensure accurate metadata by detecting and fixing incorrect property values caused by improper entries.

Quality control teams can eliminate guesswork and leverage their metadata for precise correlations, enabling faster problem-solving and minimizing costly delays in manufacturing.

A SINGLE UNIFIED STANDARD ACROSS ALL QUALITY CONTROL LABS AND SITES

Consistency is the cornerstone of reliable manufacturing. Yet, when operations span multiple sites, measurement processes may vary, creating gaps. PolyWorks|DataLoop 2026 bridges those gaps by seamlessly replicating your measurement workflows, ensuring uniform quality standards throughout the supply chain.

▶ LICENSE SHARING

Enable suppliers to use PolyWorks|Inspector™ for identical workflows.

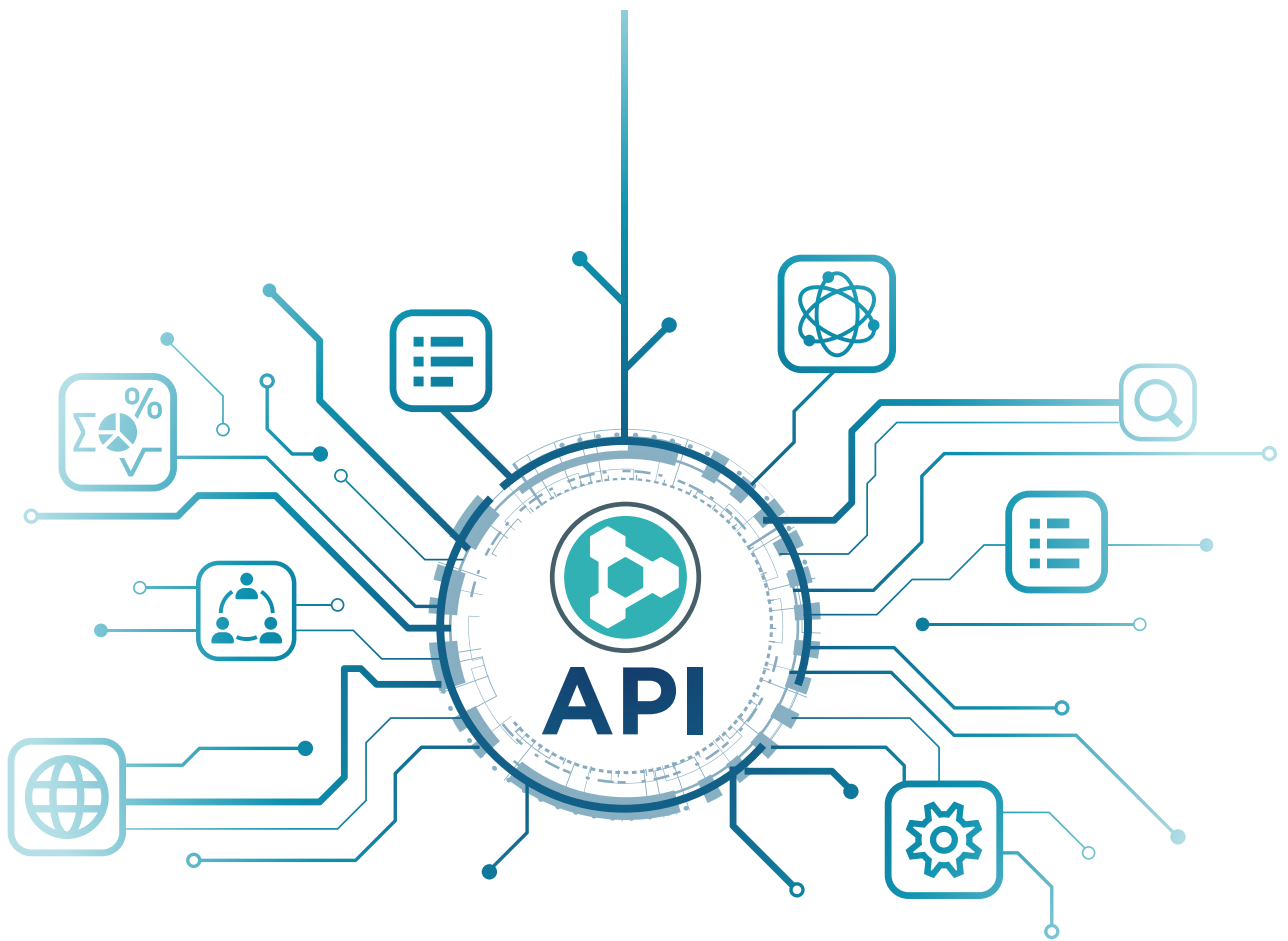
▶ DIGITAL DELIVERY OF TEMPLATES

Distribute piece templates for process consistency.

▶ AUTOMATED WINDOWS SERVICE

Instantly upload and consolidate measurement results for faster production cycles.





ADVANCED CONNECTIVITY THROUGH THE POLYWORKS | DATALOOP API

Manufacturers need true digital connectivity—far beyond basic data access. PolyWorks | DataLoop 2026's advanced API delivers structured, actionable information that flows seamlessly between systems.

▶ ACCESS RICH DATA ASSETS

Retrieve formatted PDF reports, reference models for display, and control view snapshots for complete visibility.

▶ MANAGE WORKFLOWS

Lock or unlock pieces and find out who locked a piece for secure, traceable operations.

▶ PUSH MEASUREMENTS DIRECTLY

Upload measurement results from anywhere straight into PolyWorks | DataLoop, creating new measured pieces without any manual steps.

Empower your teams with seamless interoperability between platforms, breaking down silos and enhancing traceability across the entire lifecycle.



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InnovMetric Software Inc.

2014 Cyrille-Duquet, Suite 310, Québec QC G1N 4N6 Canada
Contact us: 1-418-688-2061 | 1-888-688-2061 | info@innovmetric.com
polyworks.com