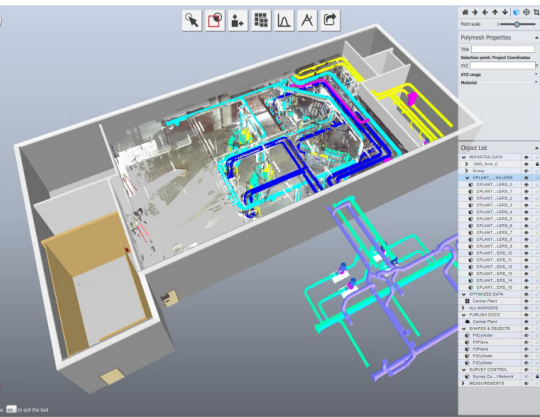




CloudEngine

POINT CLOUD EDITOR AND COLLABORATION TOOL



Combine point cloud, 3D models, drawings and PDF files to create a living database of project information

NEXT GENERATION POINT CLOUD EDITOR TOOL

Powerful 3D capture and analysis doesn't have to mean a sacrifice in usability. Trimble CloudEngine is an intuitive, intelligent design and point cloud editor - perfect for driving productivity and quality between technical and non-technical collaborators.

IMPROVE COMMUNICATION AND EFFICIENCY

Ensure Accuracy Across All Project Stages

Validate designs, document changes, and the accuracy of the as-built model at every step of the project's development.

Make Point Cloud Data Easy to Understand

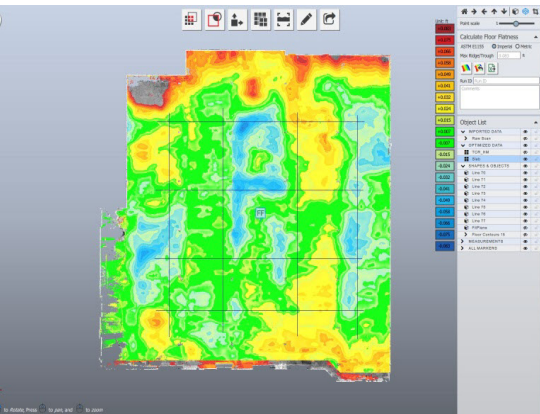
Create a living document of the project conditions that can be easily shared with and viewed by non-technical stakeholders to monitor and track construction progress.

Improve Surface Analysis of Concrete Floors

Perform horizontal surface analysis with TR34 and ASTM E1155 industry standard testing methods and develop customized reports to communicate results with project stakeholders.

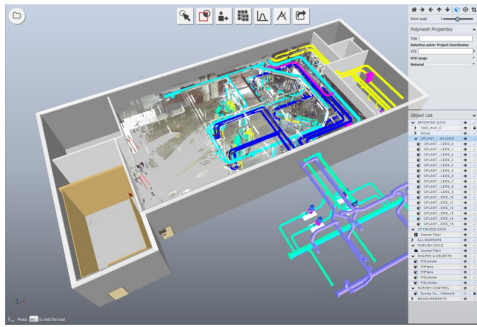
Benefits

- ▶ Ensure accuracy across all project stages
- ▶ Improve surface analysis of concrete floors using TR34 and ASTM E1155 standards
- ▶ Perform design validation between point clouds and model
- ▶ Visualize construction sequences with real-time simulations
- ▶ On-Premise file sharing with Microsoft® Azure integration for secure publishing and collaboration of projects



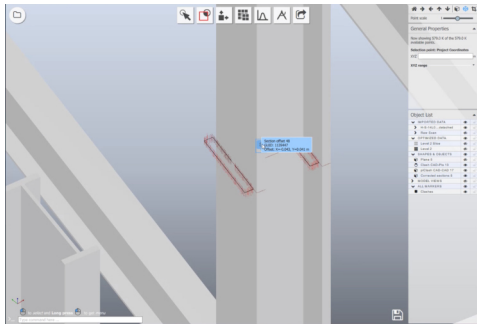
Surface analysis using TR34 and ASTM E1155 industry standard testing methods

CloudEngine POINT CLOUD EDITOR



COMBINE MULTIPLE DATA SOURCES

- ▶ Support structured and unstructured point cloud data from any source, including LIDAR, photogrammetry, SLAM, terrestrial and 360-degree photography.

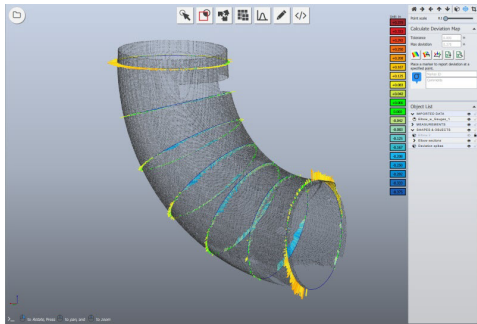


CREATE A HIGH-PERFORMING ENVIRONMENT

- ▶ Publish composite models of scan data, BIM and documentation to collaborate with project stakeholders. Add dimensions, annotations, images, reference tags and PDF documents to a scan project.

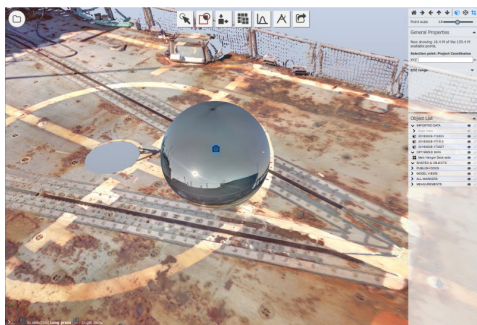
CLASH DETECTION

- ▶ Design validation by cloud-to-cloud, cloud-to-model or model-to-model with customized reporting.



REAL-TIME SIMULATION

- ▶ Visualize construction sequences using both point cloud data and model elements.



DATA SHARING AND COLLABORATION

- ▶ *On-Premise Content Sharing Solution.* On-Premise file sharing where all data remains within your Enterprise Boundaries for complete privacy and security of data.
- ▶ *Microsoft Azure Content Sharing Solution.* Utilize your Microsoft Cloud Storage Account to store data within a Microsoft Storage blob. The *Azure Cloud Storage Plugin* connects CloudEngine desktop with your Azure Portal to share data between individuals. The *Azure Cloud Server* application provides access to your shared data from any internet connection using a standard web browser for secure project team collaboration via URL link.

Contact your local BuildingPoint dealer today

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