LASER **SCANNING**

Unlock Precision and Efficiency with Laser Scanning!

TRANSFORM YOUR PROJECTS WITH 3D MODELING

LiDAR technology provides architects and structural engineers with highly accurate 3D models, enabling precision and efficiency in project planning and execution.

RAPID DATA COLLECTION WITH SURVEY-GRADE ACCURACY

Laser scanning gathers data swiftly, capturing detailed spatial information with exceptional accuracy. Ideal for modeling tight spaces like boiler rooms and pipe bays, LiDAR ensures every feature is accounted for.

STRUCTURAL MODELING MADE EASY

LiDAR excels in modeling structural elements such as:

- Roof trusses
- Columns
- Bridge structures

SEAMLESS INTEGRATION WITH AUTOCAD AND AUTODESK PROGRAMS

LiDAR data can be imported into AutoCAD programs through Recap, allowing designers to navigate the point cloud and make precise measurements. The Recap file can be referenced in Autodesk programs to create 3D models.

SAFELY MODEL CHALLENGING TERRAIN

LiDAR is an excellent tool for modeling steep or hazardous terrain, such as:

- Landslides
- Cliffs
- Other difficult-to-access areas

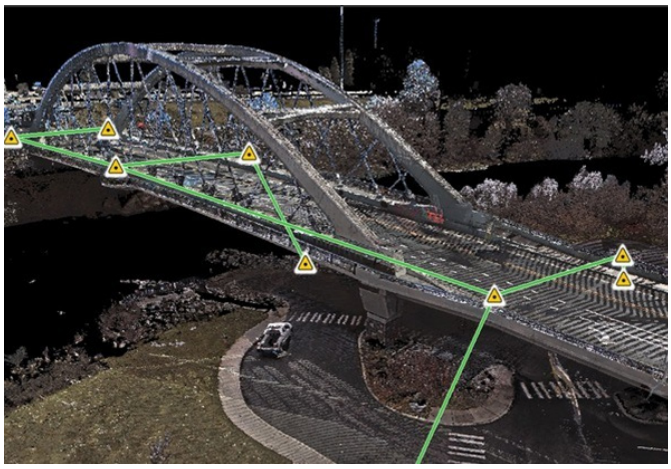
ENHANCE INDUSTRIAL AND COMMERCIAL SPACES WITH REVIT

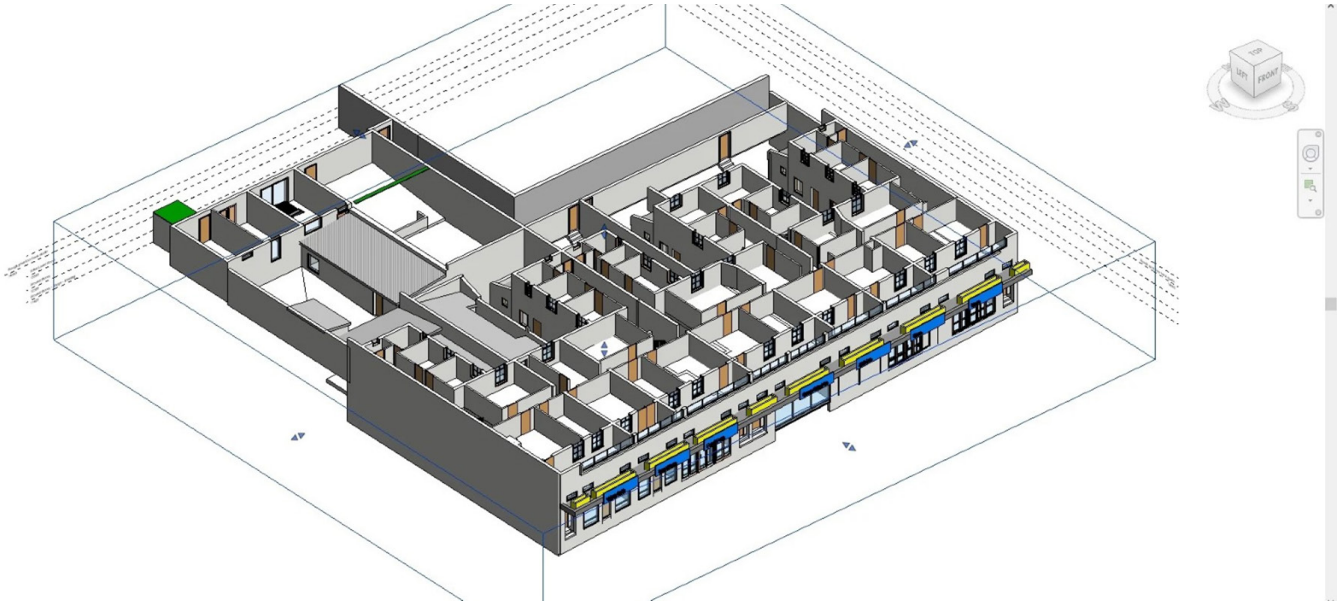
Warehouses and factories can be accurately modeled in Revit, incorporating all essential features:

- Structural elements
- Lighting
- Pipe runs
- Walls and ceilings
- Windows and doors

OPTIMIZE COMPLEX PIPE SYSTEM DESIGNS

Using Plant3D, intricate pipe systems, such as those in boiler rooms and compressor stations, can be effectively modeled for better planning and implementation.





EXPERIENCE SITE CONDITIONS VIRTUALLY WITH TRUVIEW

TruView is a free tool that enables clients to explore point clouds remotely, offering:

- Accurate measurements
- Clear visualization of existing conditions
- Reduced need for on-site visits

ACCURATE FLOOR PLANS & BOMA CERTIFICATION

LiDAR-generated floor plans help in obtaining BOMA certifications, ensuring compliance with industry standards for commercial real estate measurements. These standards determine:

- Rentable Square Footage (RSF)
- Usable Square Footage (USF)

EMPOWER YOUR PROJECTS WITH LIDAR TECHNOLOGY

Enhance accuracy, safety, and efficiency in your designs. Discover how LiDAR can revolutionize your workflow today!

Contact us for a quote today!

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