Solutions for Architecture, Engineering, Construction

Increase Efficiency and Reduce Costs with Matterport 3D

The most successful architecture, engineering, and construction firms use Matterport 3D models to help them become more efficient and cost-effective.

As-built creation

Capture existing conditions before beginning the design phase. Replace lengthy manual measurements with an accurate and fast 3D scan. Then import the point cloud or .obj file directly into your BIM software.

Estimation

Speed-up subcontractor estimates by eliminating the need for site visits.

Construction progress

Document and share construction progress with owners and collaborators.

Create virtual punch lists

Communicate effectively by annotating the 3D model with notes, links, photos, and videos.

Remote inspection

Save travel time with remote inspections.

Project turnover

Improve facilities management capabilities and customer service by sharing a full "digital twin" of the property with owners

"I won't do a multi-story building without a Matterport camera."

David Kuoppamaki, Owner, KUOP Designs

89%

agree that reality capture is the future of architecture, engineering, and construction

82%

agree that having a 3D walkthrough is superior than other alternatives to communciate job site status

81%

agree that Matterport has improved the way they communicate on projects

Source: Survey of current Matterport customers in the architecture, insurance, and restoration field, n=219, August 2017

Matterport. 3D capture for all.

Matterport is the world leader in immersive 3D technology. The Matterport Cloud allows users to easily capture, create, and display 3D models of real-world spaces. These models are delivered in a navigable, photo-realistic format that uses patented computer-vision and artificial-intelligence technologies.

How it works

- **Capture:** Scan real-world spaces using a Matterport compatible camera of your own or hire a service partner from our global network.

- **Create:** With a cloud subscription plan, upload images to the Matterport Cloud to process into a seamless, navigable 3D model stored in the cloud.

- **Display:** Embed Matterport 3D models in your listings, on web sites and mobile apps, or provide active links in customer emails.

Compatible cameras

The Matterport Cloud platform supports multiple cameras. Pick one based on your needs:

	Matterport PRO2	**LEICA BLK360**
Use	Best for typical and dense indoor spaces. Offers fast scan speed. When you need the highest image quality.	Best for large open spaces. Both indoor and outdoor environments. When you need the most accurate 3D model.
Accuracy	Measurements within the Matterport 3D model can be within 1% of actual.	Measurements within the Matterport 3D model can be within 0.1% of actual.
Resolution	134 Megapixels	34 Megapixels equirectangular
.obj and Point Cloud Files	Yes	Yes
Floor Plans	Yes	Yes
Print-ready 4K Photos	Yes	No

"With the Matterport camera, we eliminated the reliance on measuring tapes and lasers, manual production of point clouds, and the need for return site visits."

Monica Sosa, Project Manager, Senior Associate at Corgan

Learn more at **https://zentekconsultants.net/matterport** or contact us at **866-824-4459.**