

/ CREATE YOUR DIGITAL TWIN

# 3D BUILT ASSET SCANNING

The indisputable source of truth



# 3D BUILT ASSET SCANNING

/ 3D Scanning ensures the highest accuracy in capturing built assets in their current environment.

## / CREATE YOUR DIGITAL TWIN

**3D Built Asset Scanning by BQH is the indisputable source of truth in a variety of industries.**

The scan creates a digital twin that records all data to point cloud as well as a photographic view at 4k enabling anyone to walk through the building as if they were there. The ultimate source of the truth with the ability to measure to an accuracy of 99%. This is far more accurate than a manual survey.



/ Talk to us today for details of 3D Scanning packages available

## / ADVANTAGES

- Increase operational transparency with the ability to share links of 3D spaces to different stakeholders.
- Add additional notes and details.
- Train and educate remotely with photo-realistic 3D experiences that are more cost effective than VR studios.
- Create court admissible documentation with spaces that cannot be manipulated.
- Guarantee confidentiality and authenticity with face blurring and time stamps.
- Scans can generate point cloud files which can then be exported to various BIM interfaces as the base for design information, particularly useful for renovations.
- Increase collaboration with the ability to share 3D models to any interested party.

## / A VARIETY OF USES IN

- Architecture, Engineering & Construction
- Hospitality
- Insurance
- Real Estate
- Facilities Management
- Property Management
- Renovations
- Retail
- And many more

Contact us today for more information on this cost effective service pricing.



An example scan can be viewed here:  
<https://my.matterport.com/show/?m=nCpiifHWYFc>

# 3D BUILT ASSET SCANNING

/ Create an exciting 3D digital experience for your customers and give them more confidence in your brand and product.

## ARCHITECTURE, ENGINEERING & CONSTRUCTION

Whether you need reality capture for alterations or walk-throughs for collaboration/documenting progress during the construction phase 3D scanning provides multiple applications for designers and constructors alike. With the ability to add marks up/notes as well as exports of point cloud data for importing to BIM software this service provides effective savings in time, drives better accuracy and records/documents to ensure the truth is captured via a digital twin.

- Generate As-Built conditions
- Create walk through's for contractors/sub-contractor/suppliers to reduce the need for multiple site visits
- Create virtual punch/snag lists prior to completion process.
- Delay analysis

## HOSPITALITY

Whether you have an Air BnB, Holiday Bach, Hotel, Restaurant or Event Space Showcase your place in 3D to create totally immersive experiences for your customers. Ideal for entities who wish to enhance their online presence with something that will separate them from their competitors, this service is for you. Let your potential customers walk-through your place as if they were there in person. You can add tags wherever applicable to highlight features for consumers.

Add to your social media platforms, create pictures for marketing campaigns and many more.

## INSURANCE

3D Scanning ensures the highest accuracy in processing claims, reducing discrepancies and travel times necessary to verify jobs, decreasing overall costs, and providing better customer service to your clients.

- Improve accuracy and reduce the claim cycle.
- Adjust remotely and reduce travel time.
- Increase operational transparency with the ability to share links of 3D spaces to different stakeholders.
- Boost adjusting quality by enabling adjusters to review and navigate the loss remotely with accurate property dimensions.
- Improve customer service experience for policyholders by closing claims faster.
- Add additional notes and details
- Train and educate remotely with photo-realistic 3D experiences that are more cost effective than VR studios.
- Create court admissible documentation with spaces that cannot be manipulated.
- Improve negotiation for clients with the most detailed documentation and background information possible.
- Guarantee confidentiality and authenticity with face blurring and time stamps.
- Save time and improve accuracy with schematic floor plans and measurement tools.
- Increase collaboration with the ability to share 3D models with engineers, adjusters, insurance carriers, and policy holders.

Our services are very cost effective and will generate savings in time alone for the fees incurred. The primary benefit of 3D Scanning is that it provides the most comprehensive documentation and accurate measurements for your Claims and Risk Engineering operations.

Disputes are limited because the scan create a digital twin that records all data to point cloud as well as a photographic view at 4k enabling anyone to walk through the building as if they were there. The ultimate source of the truth with the ability to measure to an accuracy of 99%. This is far more accurate than a manual survey.

/ Talk to us today for details of 3D Scanning packages available

## REAL ESTATE

3D Virtual Tours/Walk-Throughs are the most realistic, immersive way to experience a property online and enables viewers to feel like they're really there. They go beyond the standard 360 degree view. Suitable for any listing leverage 3D walk-throughs to win business across markets, securing your position as technology leaders and set yourselves apart from the competition.

- Add tags to the completed walkthrough to highlight USP's or other specific information you wish to draw potential buyers to.
- Get more engagements and save time with less viewings or open homes. Beneficial for the agent and the seller.
- Competitive pricing especially for volume.
- Automatically generate floor plans.
- Examples available for interested parties.

## RENOVATIONS

Eliminate the needs for hours on site measuring, photographing and recording and then hours off site generating documentation. 3D scans create a digital twin and outputs a point cloud model that can be imported into BIM software to easily create base to commence renovation documentation for pricing.

- Modestly priced this service will generate savings in excess of the fee.
- Collaborate with others such as designers, sub contractor's easily to avoid multiple site visits.

## RETAIL

Showcase your store in 3D to create totally immersive experiences for your customers. Ideal for businesses who wish to enhance their online sales - let you potential customers walk-through your store and select items as if they were there in person. Create a distinction from your competitors.

- Outputs can be marked with products and pricing and links to carts for purchase.
- Create an exciting digital experience for your customers and give them more confidence in your brand.

## FACILITIES MANAGEMENT

An efficient, effective method to survey your existing buildings and report on the building layouts and conditions to manage maintenance and develop remodeling plans. Decreases time required to capture existing layouts both on site and off site without compromising functionality of the asset.

Sets the record of current status and easily allows for good data for any future planned expansion or general maintenance works. No need for manual measurements, point cloud output files can be imported into BIM software, thus reducing future design costs.

- Improves collaboration between remote teams who can view as if physically present.
- Create inventory of equipment and maintenance easily.
- Use the model as a walk through to train staff and many more applications.

## PROPERTY MANAGEMENT

3D Virtual Tours/Walk-Throughs are the most realistic, immersive way to experience a property online and enables viewers to feel like they're really there. They go beyond the standard 360 degree view. Suitable for any listing leverage 3D walk-throughs to win business across markets, securing your position as technology leaders and set yourselves apart from the competition.

- Add tags to the completed walkthrough to highlight USP's or other specific information you wish to draw potential renters to.
- Get more engagements and save time with less viewings or open homes. Beneficial for the agent and the landlord. Suitable for residential and commercial listings
- Competitive pricing especially for volume.
- Automatically generate floor plans.
- Use the walk throughs for maintenance contractors to quote for work with little or no impact to tenants.
- Serves as a total record of condition at the start of a lease.
- Examples available for interested parties.

 [www.bqh.co.nz](http://www.bqh.co.nz)



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