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360 Degree Photography and Scanning

For the Record, Presentation and Sharing

Martin Dunne - SEEBIG

CitA Presentation - 20/02/2019

360 Degree Photography and Scanning

What I'll talk about today;

1. What is 360 Degree Photography?

2. Record Keeping

3. Presentation

4. Sharing

5. Point Clouds

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What is 360 Degree Photography?

Normal photography captures a specific view.

What is 360 Degree Photography?

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A 360 degree image captures the scene in every direction.

What is 360 Degree Photography?

Now you can turn around,

See behind,

Look up and down.

What is 360 Degree Photography?

Zoom on detail,

and move through a space,

where images are linked.

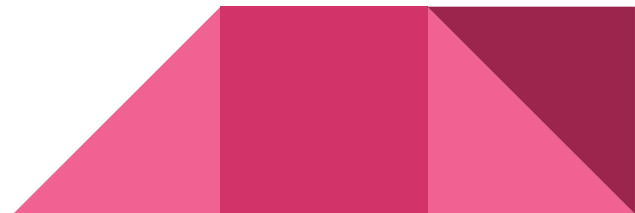# What is 360 Degree Photography?

As with conventional cameras 360 degree cameras come in all shapes and sizes

Different equipment to suit different circumstances...

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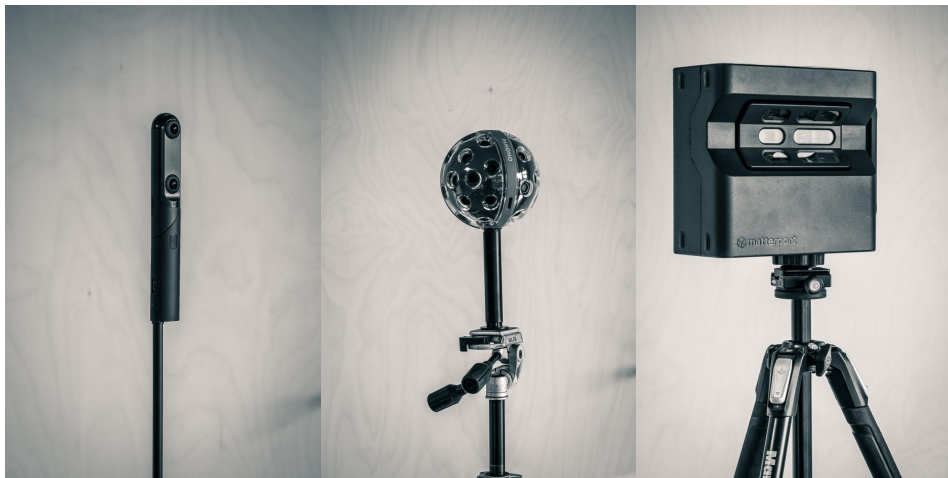Different equipment to suit different circumstances...

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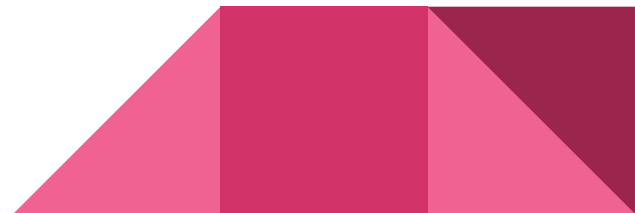
What is 360 Degree Photography?

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Matterport for Interior Spaces. The Matterport camera uses infrared scanning to capture not only the visual information, but also the spatial data to create a model of the scanned space.

For the Record

For the Record

- Dilapidation Survey

For the Record

- Dilapidation Survey
- Record of Progress

For the Record

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- Dilapidation Survey
- Record of Progress

- Cloud Based

For the Record

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- Dilapidation Survey
- Record of Progress

- Cloud Based

  - Access from any browser

For the Record

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- Dilapidation Survey
- Record of Progress

- Cloud Based

  - Access from any browser

  - Share with colleagues, stakeholders, design team etc.

Presentation

Presentation

- Work Phases

Presentation

- Work Phases
- Inspection

Presentation

- Work Phases
- Inspection
- Orientation/Induction

Presentation

- Work Phases
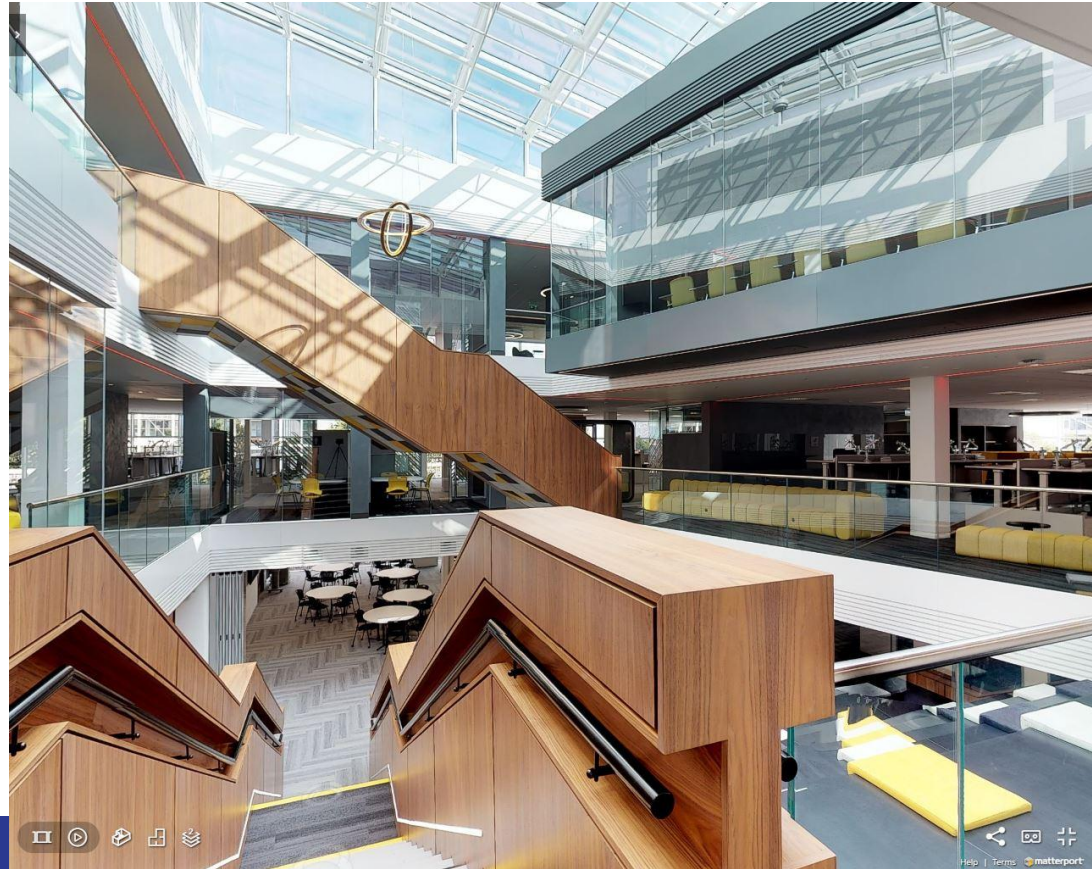- Inspection
- Orientation/Induction
- Completed Works

Presentation

- Work Phases
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Presentation

- Work Phases
- Inspection
- Orientation/Induction
- Completed Works

Sharing

- Within Project
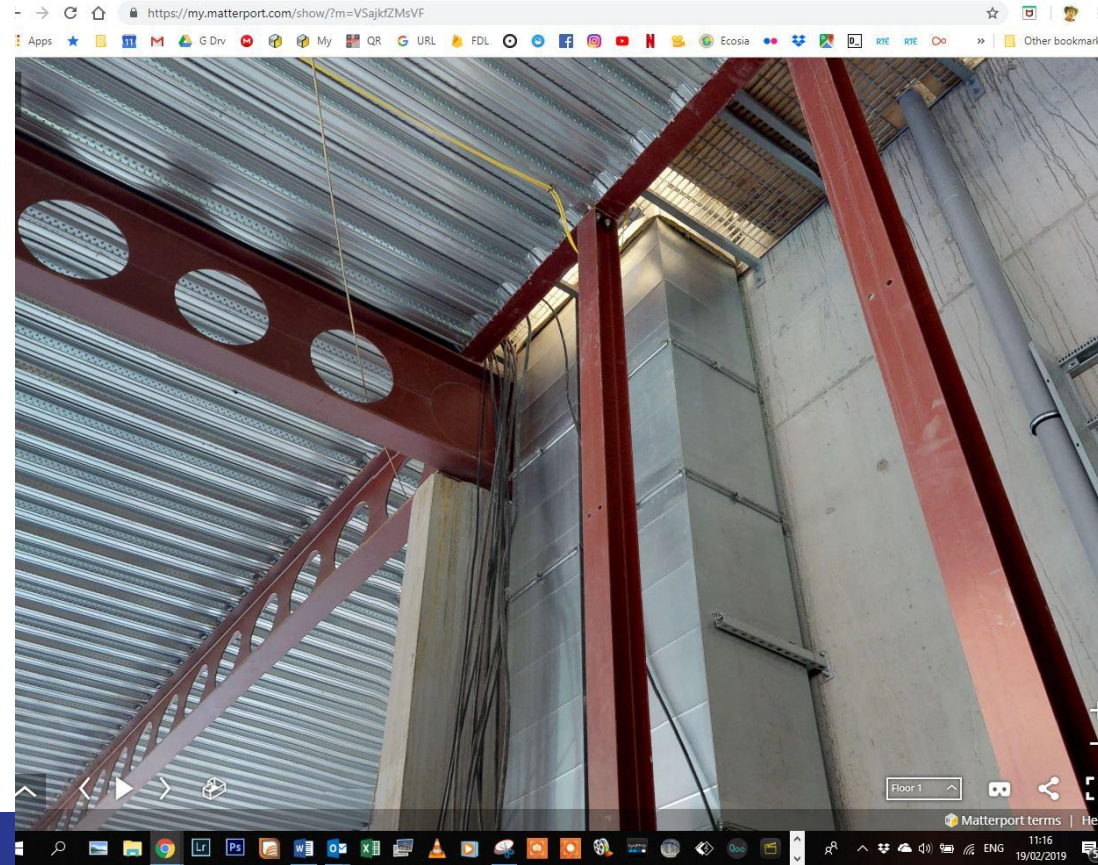- Social Media

Sharing

- Within Project
  - Screen Shots

Sharing

- Within Project
  - Screen Shots
  - Location Links

    [ALT + U]

    Deep URL link to copy and share an exact location via email etc.

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Sharing

- Social Media

Sharing

- Social Sharing
  - Through Website
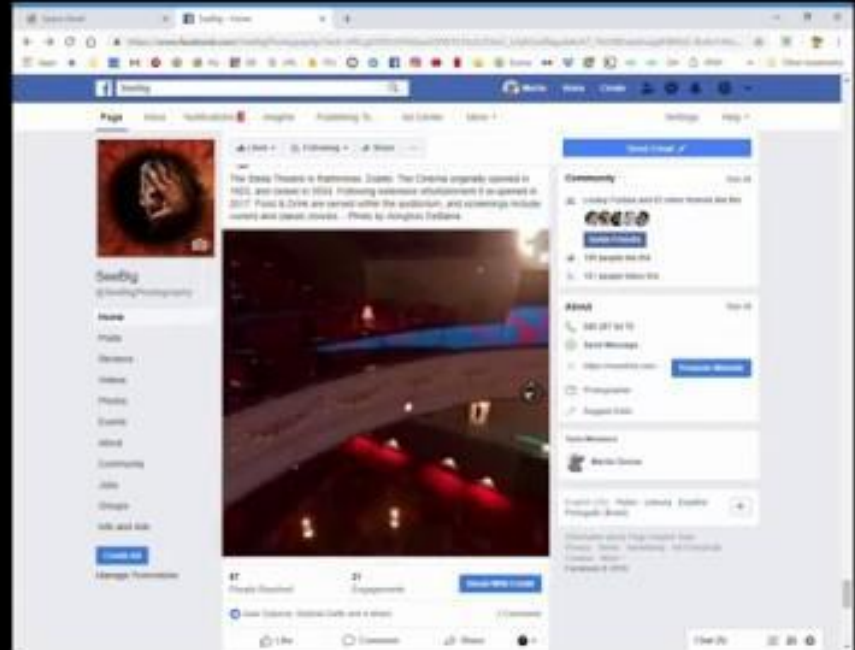
Sharing

- Social Sharing
  - Through Website
  - Social Media

Sharing

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- Social Sharing
    - Through Website
    - Social Media

    E.g.

    - Wedding Venues
    - Property Sales
    - Retail Outlets
    - Exhibition Halls

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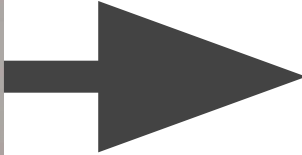- Google Streetview

    - For Public Areas

Point Clouds

- The Scanned Data from can be extracted in the form of a Point Cloud which can be imported into the AutoCad ReCap and from there to ReVit where the 3D data of the "as-built" model can be overlayed on plans for comparison, measurement etc...

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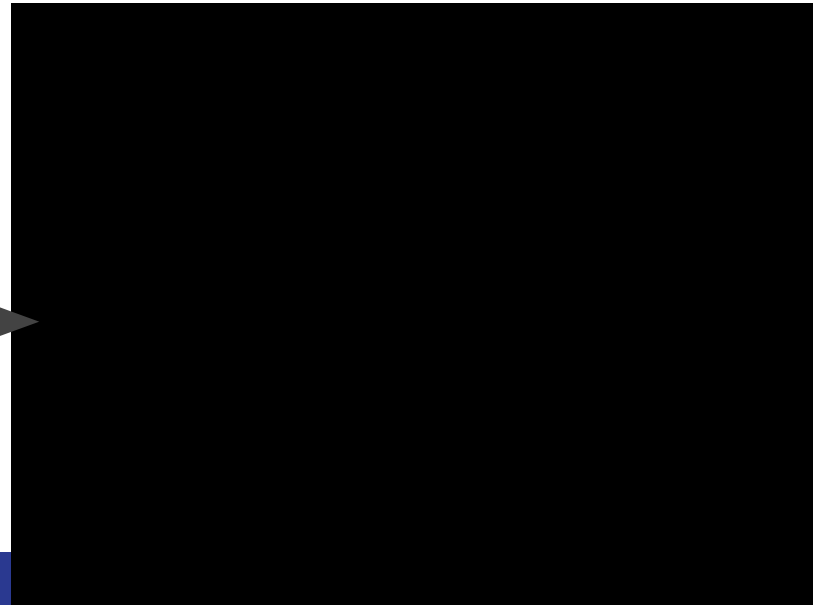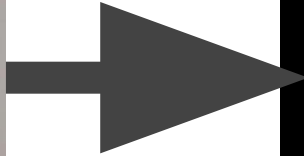
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360 Degree Photographic Services

Thanks for your time!

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