



Digital Transformation of Real Estate

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Real Estate is our most valuable asset yet we have been slow to digitise it



Missing Information

Too often, up to date building plans and information are unavailable or missing.

Inaccuracy

Inaccurate building records cause errors, rework, and delays, affecting redesign, facilities management and maintenance.

Costly Site Visits

Recurring site visits, especially in hard to reach locations are costly, risky and cause delays.



Fragmented systems

Siloed stakeholder information sits in disconnected formats, paper plans, PDF documents and proprietary files.

Poor risk management

Without verified building data, the risk of underwriting mistakes and compliance issues increases.

Short term thinking

Digital Adoption feels like a 'future benefit' while costs are upfront.



How to digitise - LiDAR scan technology

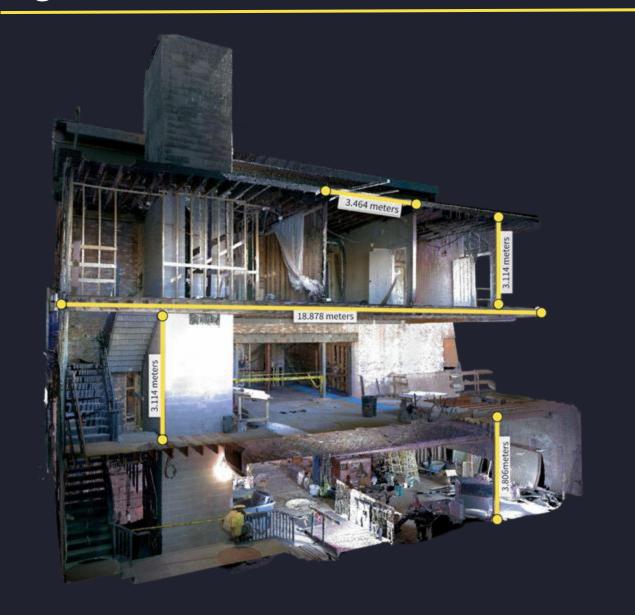
<u>Light Detection And Ranging</u>

- Leica BLK360 G2
- 680,000 measurement points per second
- 20s to complete a scan with spherical images
- 45m range



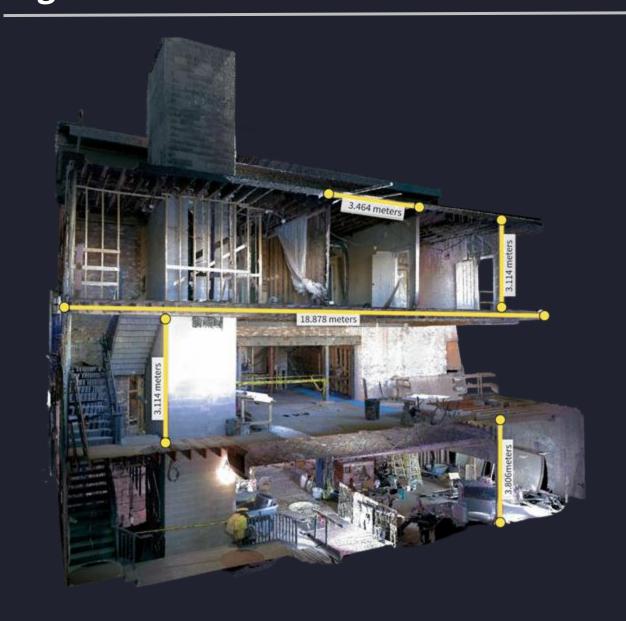


Digitised Asset



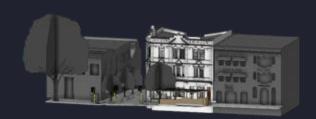


Digitised Asset



Digital Model

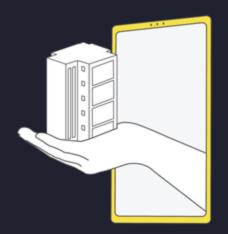
Core models are accurate to millimeters, therefore reducing long term cost of projects, reducing errors and project duration.



Extracts: 3D and 2D accurate building plans; Sections and Elevations; Reflected Ceiling Plans; Site Information Drawings

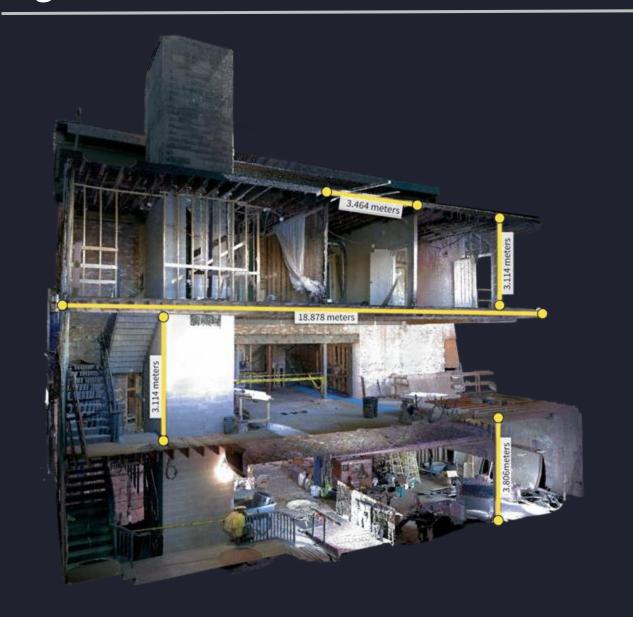
Building Data and Information

- Area Measurement Verification
- Deviation reports
- Summary Of Areas
- Lease Plans
- MEP modelling services
- Precinct mapping / Master plan
- Fire Plans





Digitised Asset



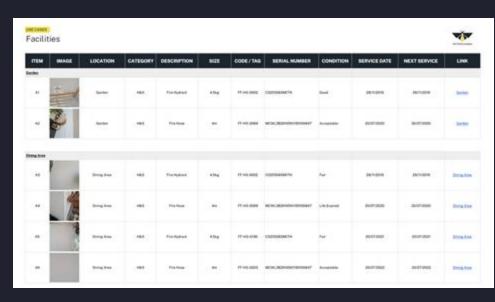
Visual Record

Visually immersive digital record of building conditions support efficient maintenance and facility management, insurance valuations and inspections.

- Property Condition Report
- Asset / Inventory Record
- Facilities Management Record
- Inspection & Marketing Virtual Tour
- Professional Photography
- Visualisation

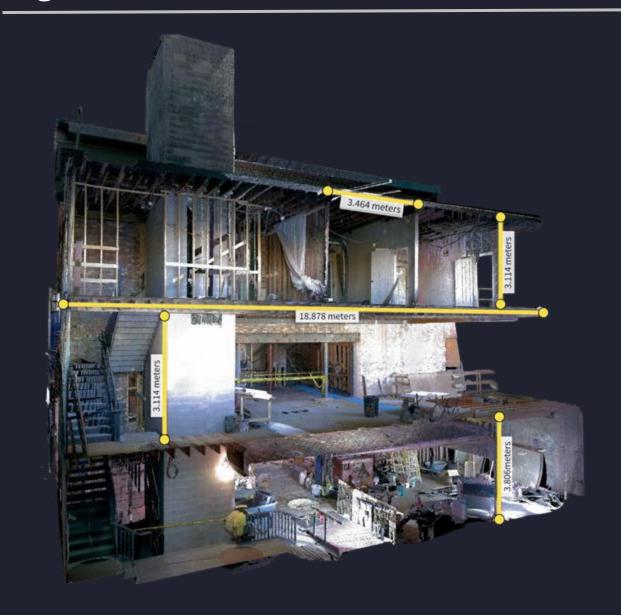








Digitised Asset



Data Library

Unlocking the value of a reliable spatial data set:

High-Precision Mapping

Accurate 3D data for planning, design and infrastructure. Digital archive for heritage and cultural protection.

AI / ML Training Data powering object classification to recognise building types & materials or to identify risks.

Commercial Value Monetise via real estate, insurance, and government use.

Automation Al-driven compliance checking, forecasting, design validation, or space optimisation.

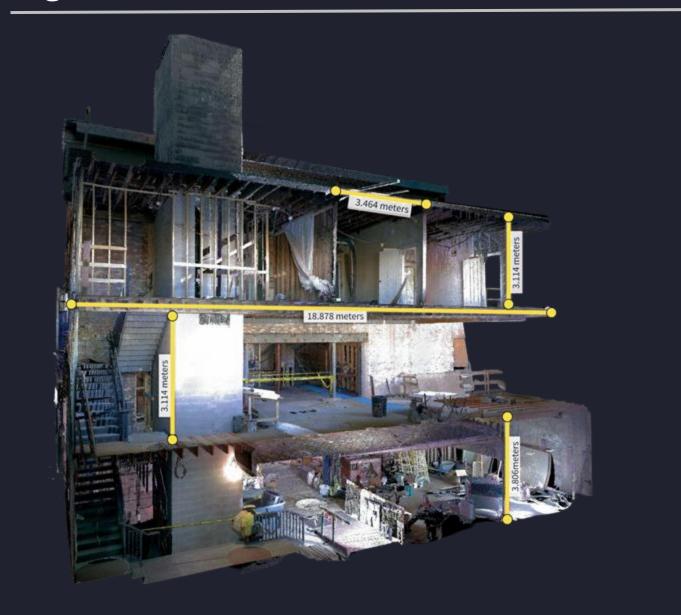
Generative AI Auto-generating BIM models, floorplans, or redevelopment concepts.

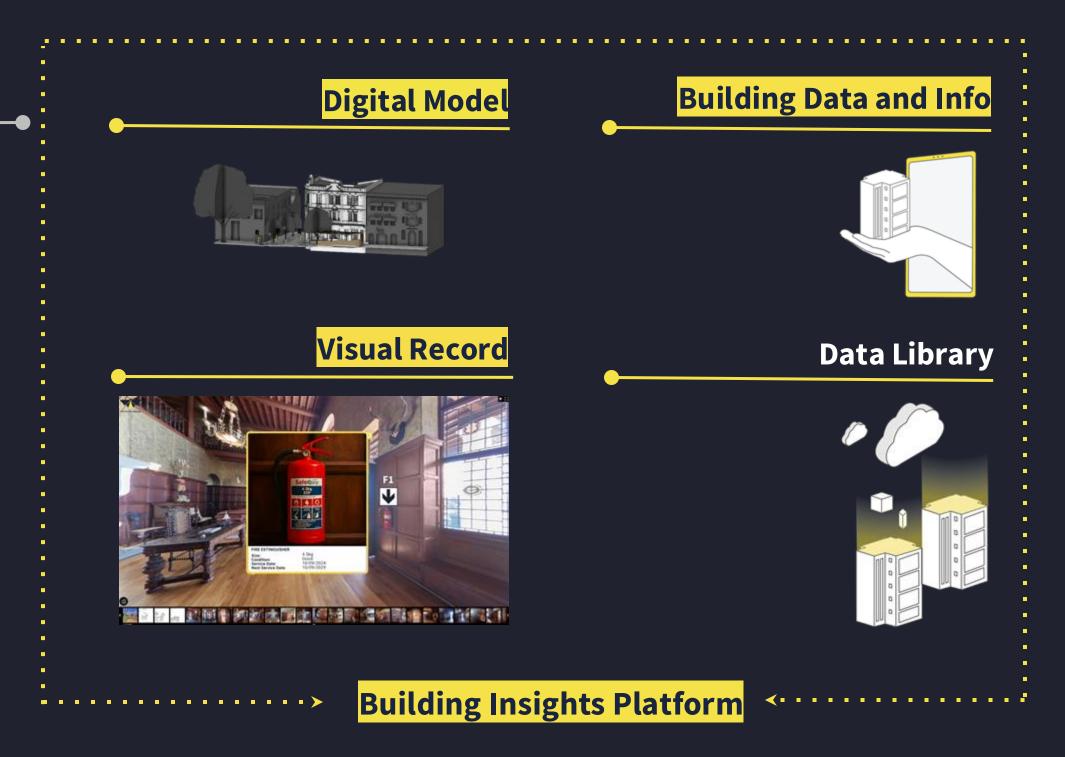
Geospatial data analysis is transforming RE by offering precise location-based insights that drive smarter decisions.





Digitised Asset









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