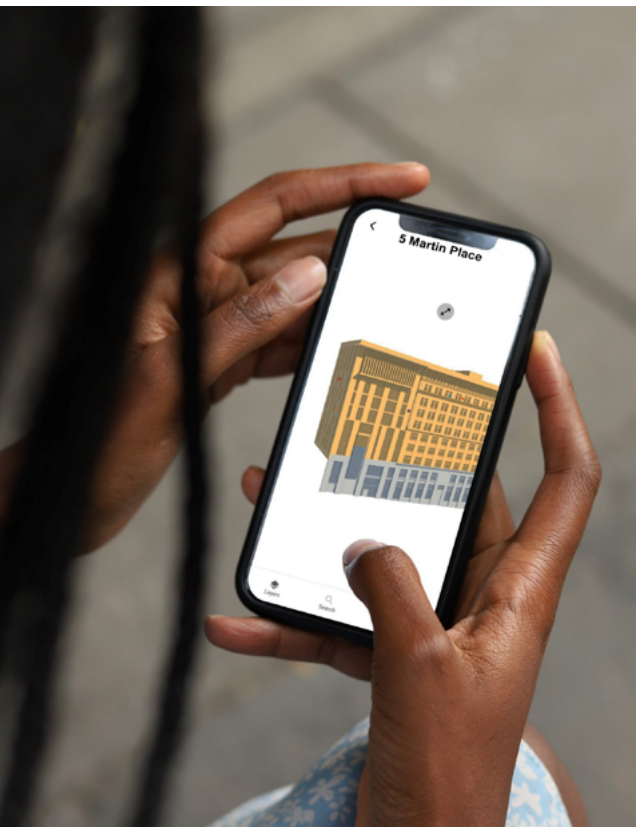
ARUP

Arup Inspect

Product Introduction

2023



Arup Inspect is a digital platform designed to transform the conventional site inspection experience.

It is a mobile-first cloud platform that allows field staff to quickly and collaboratively capture site observations that embed Arup's engineering knowledge.

Arup Inspect saves time, cuts costs and improves the impact and quality of site inspection outcomes.

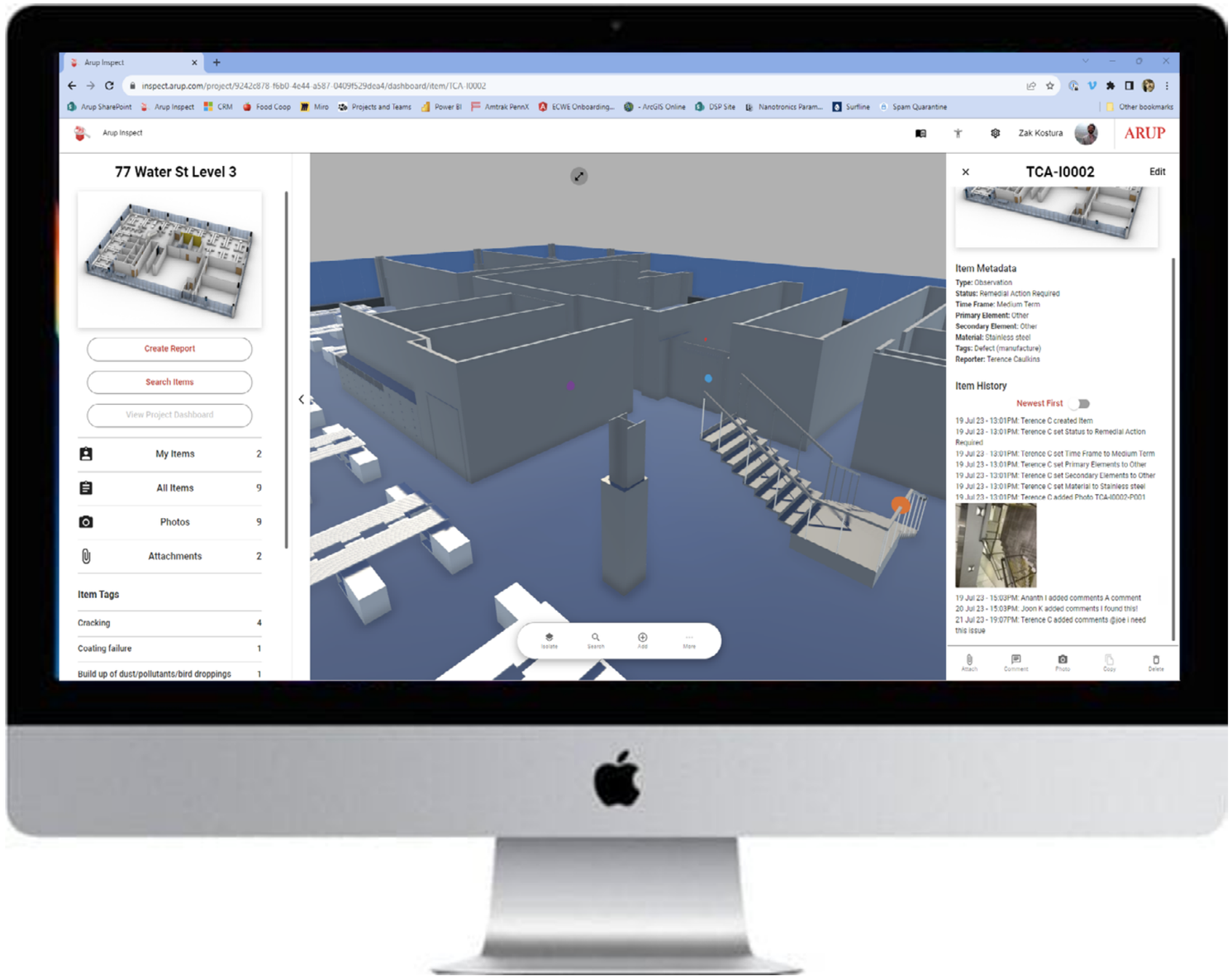
What is Arup Inspect?

Arup Inspect is a Software as a Service (SaaS) digital platform allowing field staff to quickly and collaboratively capture site observations that embed Arup's engineering knowledge.

The platform enables field data collection, empowering users to tag observations directly onto a virtual 3D or 2D model of the asset.

Key Features of Arup Inspect include:

- Structured, consistent collection of inspection information
- Automated reporting and inspection data visualisation capabilities
- Multiple users can collaboratively collect data simultaneously
- Compatible with iOS and Android mobile devices
- The simple user interface promotes safety and minimizes distraction from physical surroundings
- Industry-standard user management and authentication, conforming with general project cybersecurity requirements
- Standardized BIM model import services included with licensing cost

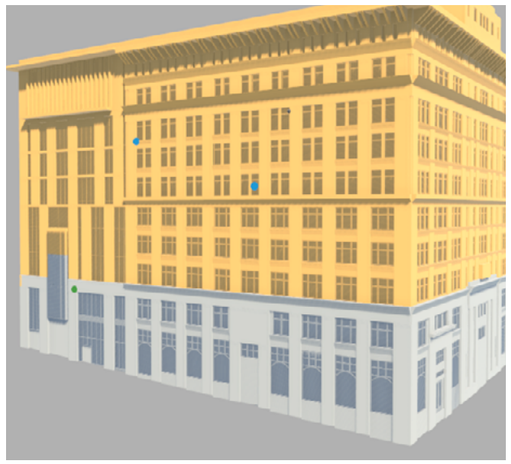


How it works

During inspections, field staff need to pinpoint issues and collect details in an organised and efficient way. This is almost always a challenge, and it is aggravated when the project involves unique or complex 3D systems. Site visits can result in a significant amount of information - notes, photos, videos and other data - which then needs to be organised. Arup Inspect helps consolidate this process.

Step 1: Model and Import

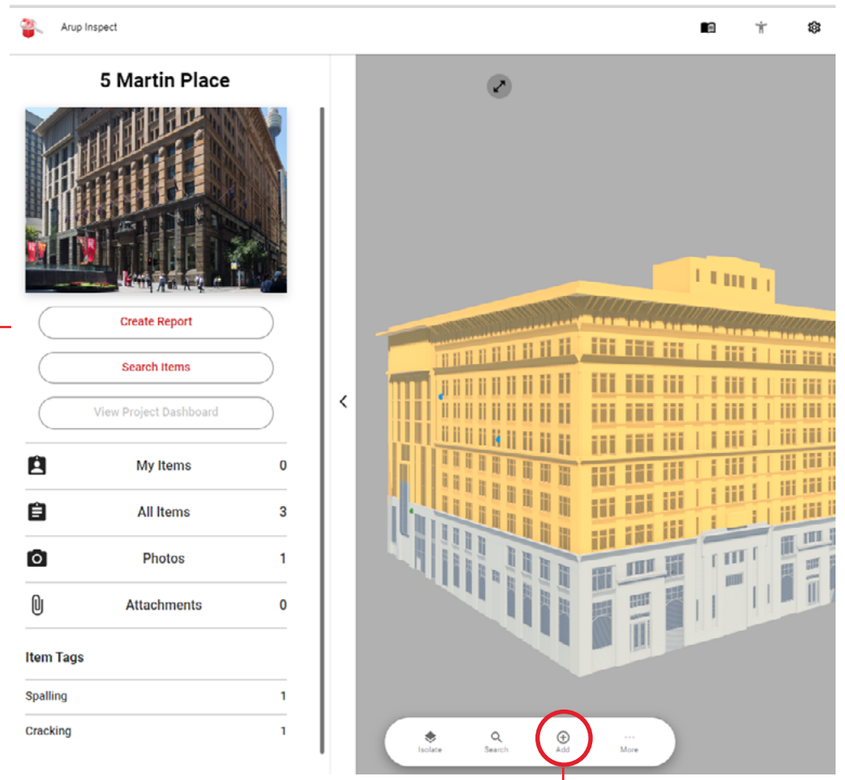
Arup Inspect can host 3D and 2D models via an always online interface that allows for the plotting of inspections points in real time, visible to all users, across all devices. We have a streamlined import process of building assets from Revit models built to Arup standards and support a variety of other formats including Rhino and Grasshopper.

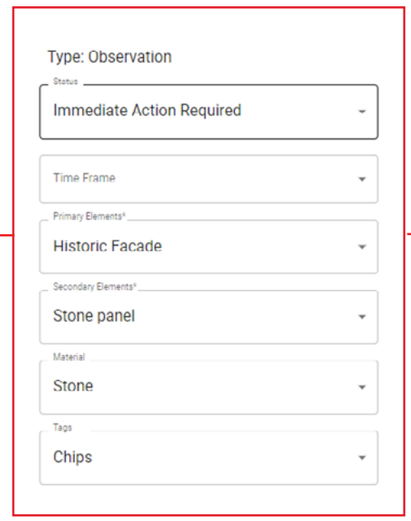


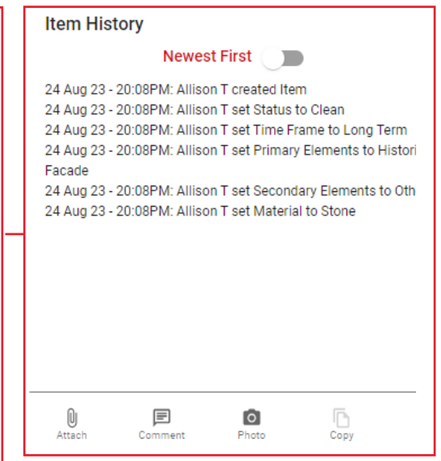
Step 2: Inspect

Supporting multiple users at a time, the Arup Inspect interface allows on-site staff to easily identify and plot site inspection data on the model.

Our forms allow for categorisation across a wide range of different elements, including the ability to add comments, attach files and upload images attributed to individual observations.





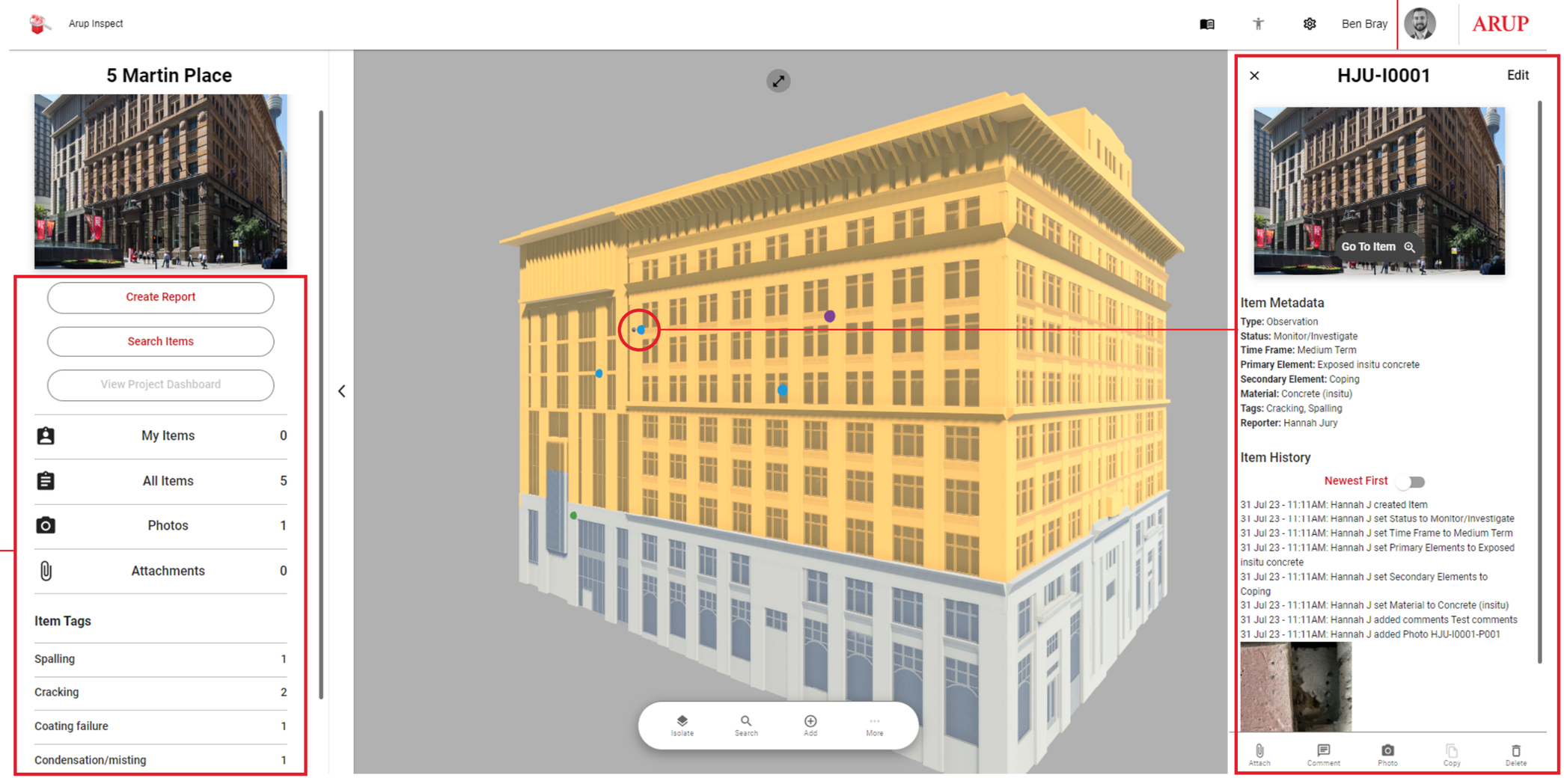


How it works

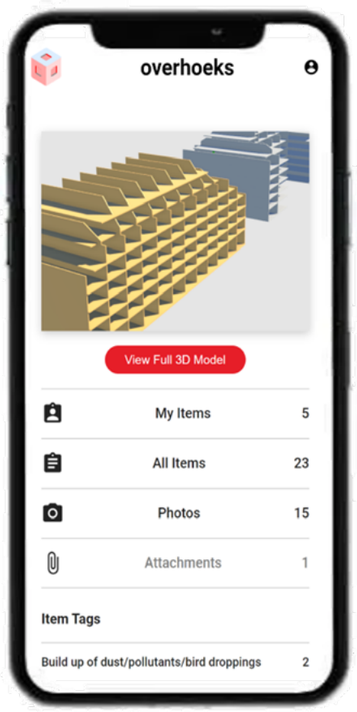
Step 3: Review

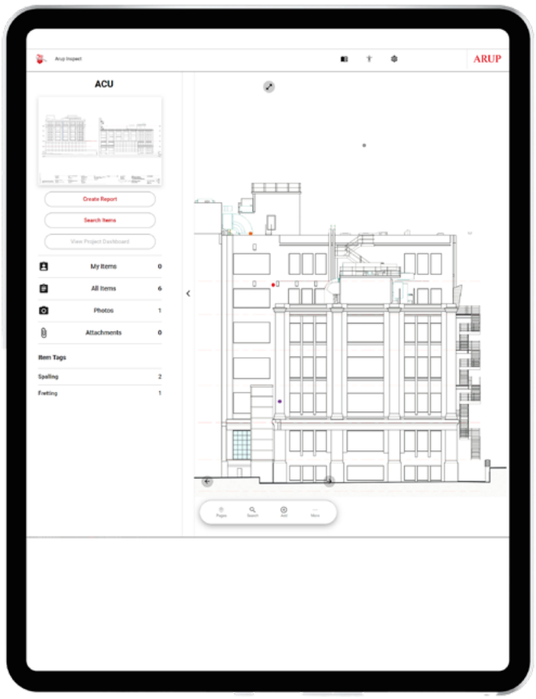
As the inspection data populates the model, all users see the same data simultaneously, preventing time wasted recording the same observation multiple times. Office based staff and clients can see progress of the inspection in real time, with time stamped data and the ability to review comments and photography.

One click exporting allows for asset inspection data to be easily and cleanly downloaded to a CSV file. Data is reviewed and aggregated using Tags and ID numbers, allowing for easy search and filtering of specific issues with the Arup inspect interface.



Arup inspect allows real-time data upload, management and reporting which can be seen by entire site teams, Project managers and Clients; operating across multiple platforms.





Additional Product Advantages

- **Data governance:** Arup Inspect is developed completely in-house within Arup's own infrastructure, which is aligned to the NIST cybersecurity standard. Data captured meets security agreements we already have in place with existing clients, simplifying the governance process to bring Arup Inspect to new projects.

- **Historic meta-data:** Arup Inspect is designed to host assets for years, allowing all data to be captured and reviewed over time, creating a perpetual digital record.

- **Configurable:** We understand each project is different and as such we can customise elements of your Arup inspect model with items such as custom forms and tags.

- **Evolving:** Arup Inspect is project ready and supported with regularly released new features and improvements. We have a fully funded internal development team of engineers, designers and developers to ensure an agile response to changing client needs.

- **Proven:** Arup Inspect has been deployed on projects for over 7 years. It is used by Arup all over the globe to carry out inspections across a wide range of assets: building envelopes, stadia, bridges and offshore energy systems.

Arup Inspect Global Deployment Team

Reach out to your regional Deployment Lead to discuss in greater detail how Arup Inspect can support your projects.

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Sydney Office

We acknowledge and honour the Indigenous communities past, present, and future as stewards of the lands on which we work on across the globe.

We strive to strengthen these relationships to shape a better, more inclusive world.

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