

# Asset Information Model

## BIM for Housing Associations Asset Management in the 21<sup>st</sup> Century

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v 1.0

### What is an Asset Information Model (AIM)?

Much of the BIM4HAs Toolkit is about getting the right data about your buildings, but when you get that data, how do you ensure you store and manage it correctly? This is where the Asset Information Model comes in.

An information model is a logical data model which sets out the relationships between pieces of data – in this case the data about your buildings and the components in them.

### What is the BIM4HAs AIM?

The BIM4HAs Asset information model is the first housing association developed data model for asset information in a housing association. It's a blueprint for a new data structure for buildings and components, and it is free to use.



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It was developed by Southern Housing Group and validated by seven other housing associations before being gifted to BIM4HAs for the use of the housing sector. The Model is endorsed by HACT who produce the Housing Data Standards and is hosted on the OSCRE website.

## What can I use the BIM4HAs AIM for?

Our Asset Information Model is based upon a spatial hierarchy which locates and identifies each element in a single record with a unique identifier – crucial to creating a single source of truth.

You can use the BIM for Housing Associations Asset Information Model to ensure you have a record of

- Where things are,
- What they are,
- When things were done or when they need doing, and
- Who did what, so you have a complete record of your asset history.

With the BIM for Housing Associations Asset Information Model, you can

- Improve the understanding of your assets,
- Future proof your ability to respond to safety, regulatory and sustainability agendas, and
- Be empowered to talk to regulators, contractors, consultants and software providers from a position of knowledge about your buildings.

The AIM is not a piece of software – it is a model of the relationships between data which is software agnostic. This means you can use it to validate your existing asset information arrangements, or to speak to software providers about their offerings. Southern Housing Group who developed the AIM is using the Model to commission new software.

## How to get the AIM

You can access the BIM4HAs Asset Information Model on the OSCRE website here:

<https://www.oscre.org/idm?version=idm-main-3.5&content=usecases/BIM4HAAssetInformationModel/home&product=OSCRE>

*NOTE: You will need to register as a **Guest** if you haven't done so already and accept a fairly simple Creative Commons license. Access is completely free.*

## Resources

Watch a detailed video introduction to the AIM (26 minutes)

<https://www.youtube.com/watch?v=YqGyLKDV9vE>

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