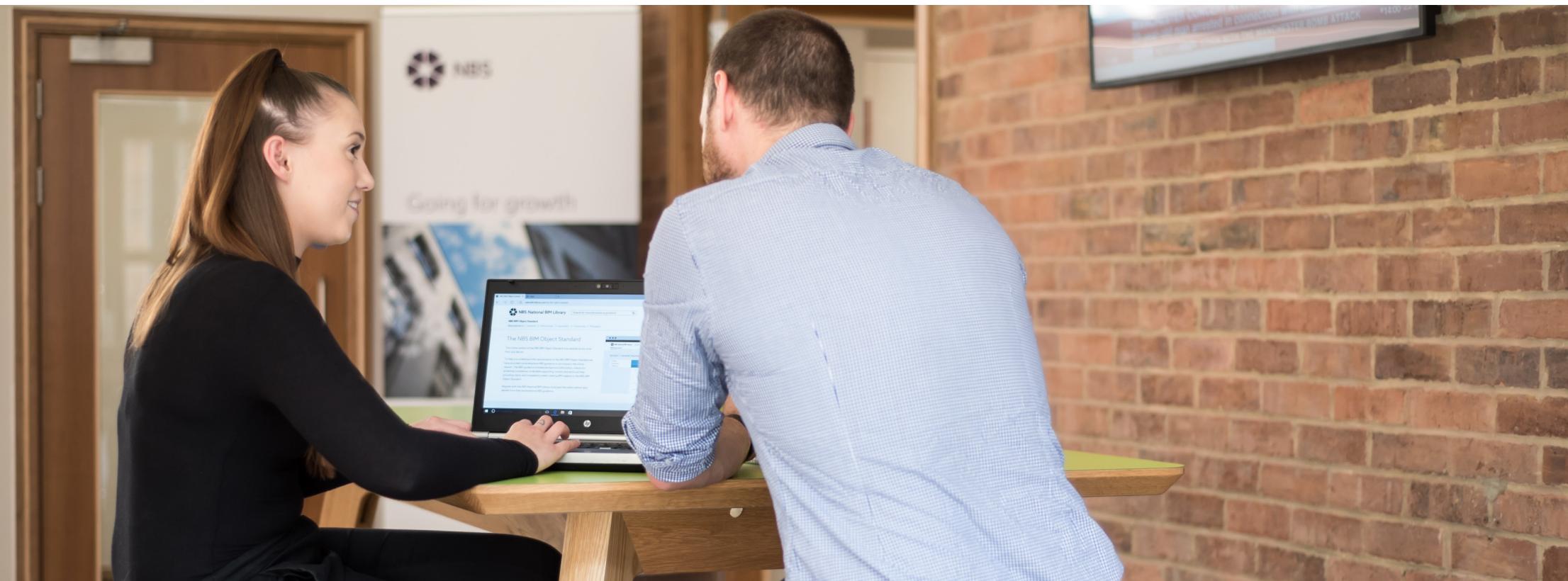




# NBS National BIM Library for manufacturers

A trusted and expert consultative service that authors, certifies and hosts manufacturers' product information as BIM objects





## What is NBS National BIM Library?

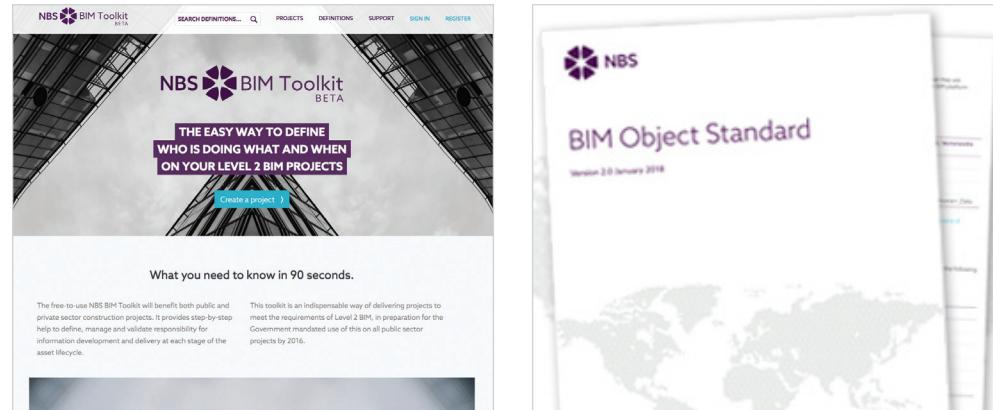
NBS National BIM Library is the free-to-use primary source of BIM content. It places your products directly in front of construction professionals at the time of specification.

## Integrated

with the NBS BIM Toolkit – an integral part of the UK Government's Level 2 BIM package

## Home to

the NBS BIM Object Standard - created to provide consistency to all BIM objects and welcomed by professionals across the construction industry



**Building Information Modelling (BIM)** is about everyone understanding a building through the use of a digital model. The digital model holds all the information that construction professionals need to design, construct and maintain that building. The information within the digital model grows with an increasing level of detail so that it reflects the building as it is built and then ultimately as it is used.

BIM is the future of the construction industry and if you want your business to be part of it, your own tangible products must exist as digital 'BIM objects'. There is a high demand from contractors and designers for these digital products and it's important that you don't get left behind.

**NBS** has been the trusted source of specification, information and practice management solutions for the construction industry for over 40 years. We produce the recognised national standard specification system for the UK, covering building construction, engineering services and landscape design. NBS was recently selected by the Government to deliver a free-to-use resource for construction professionals as an integral part of the UK Government's Level 2 BIM package. This is the NBS BIM Toolkit.

**Left:** The NBS BIM Toolkit is used by designers to create BIM Level 2 projects

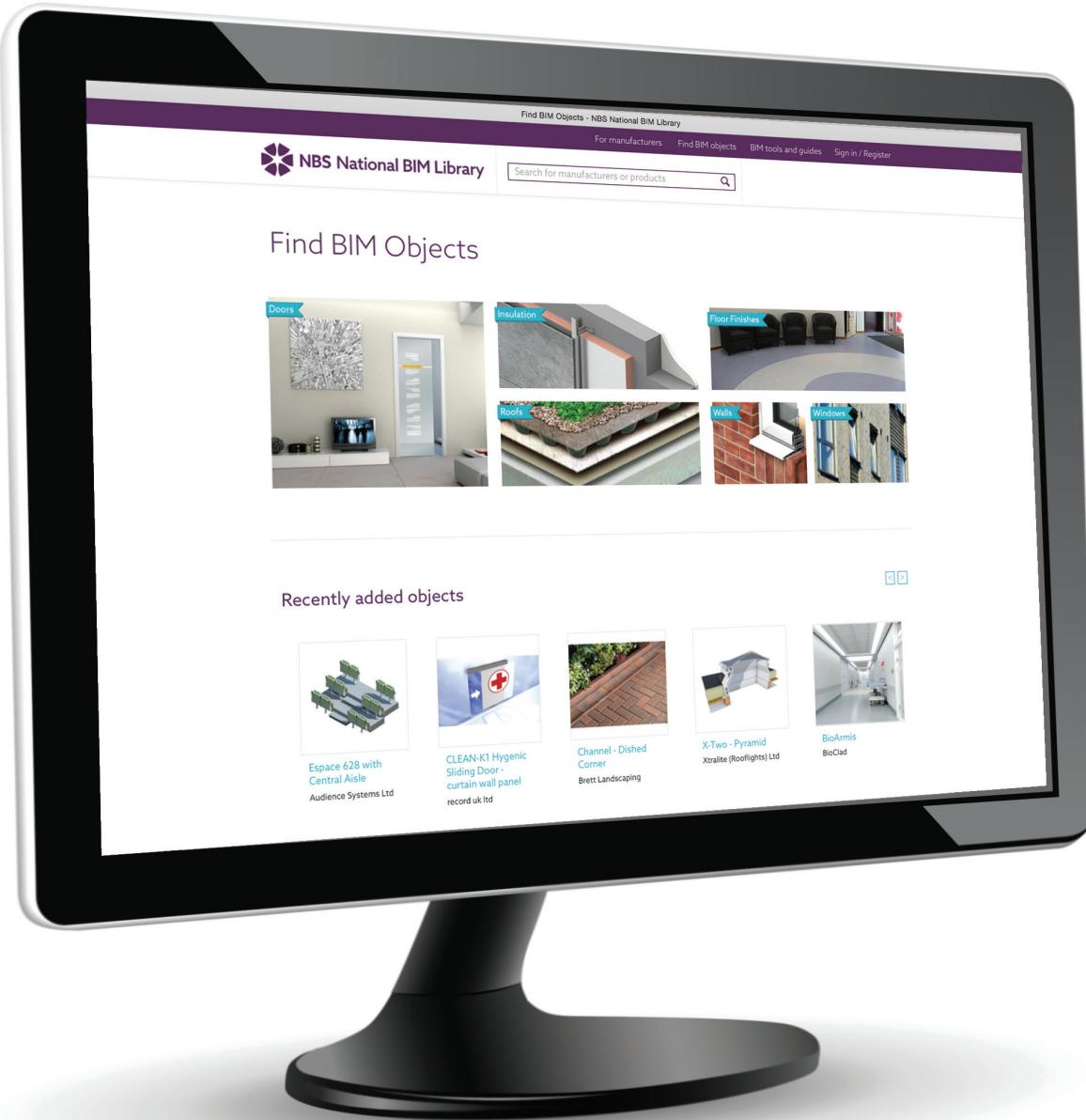
**Right:** The NBS BIM Object Standard enables greater collaboration and creates consistency across the industry

**NBS National BIM Library** enables construction professionals to locate, download and use your BIM objects in their project work. The library is the fastest growing BIM library in the UK, with over 250 manufacturers and trade organisations listed. The number of downloads by specifiers is growing at a phenomenal rate. Around 350,000 manufacturer objects have already been downloaded from the website.

**The NBS BIM Object Standard** was introduced to create a consistent set of data criteria for all BIM objects. This enables greater collaboration and an efficient information exchange across the construction industry. The standard is free to download from [nationalBIMlibrary.com](http://nationalBIMlibrary.com) and all BIM objects authored by NBS will meet the requirements of NBS BIM Object Standard.

NBS offers two options for your BIM objects:

- 1 **Authoring and hosting service:** NBS can author your BIM objects to meet the NBS BIM Object Standard and place them on [nationalBIMlibrary.com](http://nationalBIMlibrary.com)
- 2 **Certification and hosting service:** You can create your own BIM objects to meet the NBS BIM Object Standard and we will then certify them and host them on the website.



## BIM

objects are directly integrated into the UK's recognised specification standard

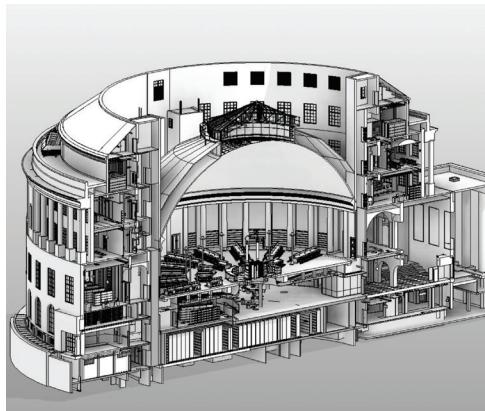
## Free

'plug-ins' are available to designers, making it easy to select your BIM objects for their project

**Left:** nationalBIMlibrary.com has free tools and guides including a powerful search facility and a dedicated section for manufacturers. This is where you can download the NBS BIM Object Standard.



Every NBS certified BIM object has its own certificate of compliance



**Left:** BIM played a central role in this complex refurbishment project for the Grade II listed Manchester Central Library

**Right:** BIM was used for the Leeds Arena and prevented around 100 clashes on site, saving an estimated £350,000

## Why choose NBS National BIM Library?

When choosing a partner to author and host your BIM objects, it is important to consider a number of key factors:

**Expertise:** What level of BIM expertise does the organisation have?

**Quality of information:** Do they set high standards and adopt relevant industry requirements?

**Specification:** Will your objects be connected with the UK standard specification system?

**Design tools:** Is there good connectivity with the leading design packages?

**Project timeline:** Do the objects support the designer throughout the project timeline?

**Level 2 BIM:** Will the objects be integrated with the Government's suite of Level 2 BIM tools?

**Exposure:** How much exposure will your BIM objects get to specifiers and designers?

**Return on investment:** Will you get information, statistics and leads to demonstrate return on your investment?

Choosing NBS National BIM Library as your BIM partner ticks all these boxes and more. NBS National BIM Library is built by experts and puts you at the right place, at the right time and with the right information.

## Partner

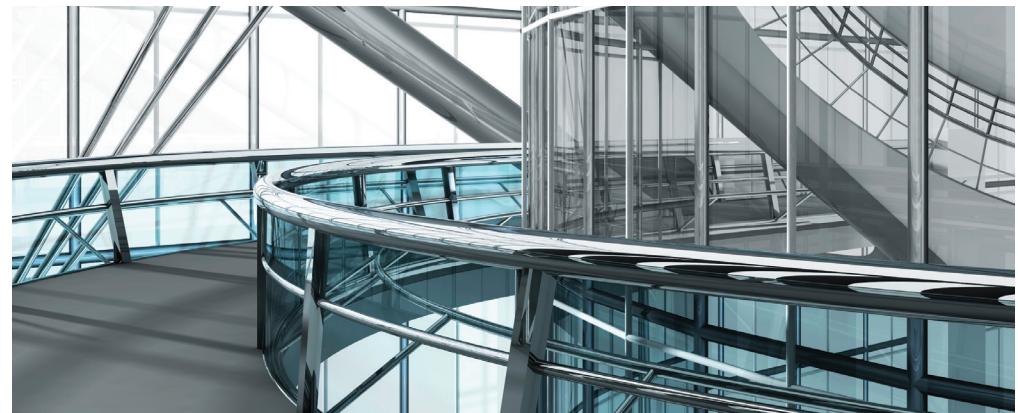
with NBS and you'll join the experts who are at the forefront of the BIM revolution

## NBS

is right now helping government and industry set best practice standards

## Experts

from NBS hold key positions in the groups and organisations shaping the BIM landscape



# What can NBS National BIM Library offer?

### Expertise

**NBS is at the very forefront of BIM development and adoption, and partnering with us means you will benefit from our world-leading and trusted expertise. We hold key positions in the groups and organisations that are shaping the BIM landscape. This ensures that NBS National BIM Library leads the way in authoring BIM objects and places our clients at the very heart of BIM developments.**

Our experts are continuing to help government and industry set best practice standards. We delivered the NBS BIM Object Standard in 2014, introduced to provide consistency to all BIM objects and welcomed by professionals across the industry. More recently, we were selected to deliver the NBS BIM Toolkit on behalf of the Department of Business Innovation and Skills, the UK BIM Task Group and Innovate UK. The toolkit is a free-to-use online tool to help the construction industry work to BIM Level 2.

NBS is a member of the BIM Technologies Alliance, which supports the Government's Construction Strategy BIM Working Group, and is also represented on key groups such as the BSI B/555 BIM standards committee, CPI, ICIS and buildingSMART.

Choose NBS and you'll be able to use the respected NBS National BIM Library endorsement logo on your website, literature and event stands – highlighting to your customers that you are partnering with an expert organisation that's right at the forefront of the BIM revolution.



**Stephen Hamil, Director of Research and Innovation at NBS**  
is on the Technical Group at buildingSMART UK.

**buildingSMART** is an open, independent, international organisation at the forefront of BIM Technologies. buildingSMART developed the common data schema (IFC) that makes it possible to hold and exchange data between different proprietary software applications. buildingSMART also champions BIM internationally and future BIM technologies, ensuring best practice.



**Richard Waterhouse, Chief Executive at NBS**  
is Chair of the BSI B/555 committee.

**The work of the BSI BIM committee (B/555 Construction Design, Modelling and Data Exchange)** is delivering a comprehensive programme of standards to support the implementation of BIM and guidance documents.



**Andrew Brook, Software Development Manager at NBS**  
is a Member of the BIM Technologies Alliance.

**BIM Technologies Alliance** is an alliance of BIM experts that actively supports the UK Government's construction strategy. Working closely with the BIM Task Group, the alliance provides guidance and develops technologies that support the BIM strategy.



**Richard Waterhouse, Chief Executive at NBS**  
is President of the International Construction Information Society (ICIS).

**ICIS** is an association of organisations that provides national master specification systems and information systems for the construction industry. Its central focus is on improving the design and construction process, encompassing the complete lifecycle of a building.



**Sarah Delany, NBS Technical Author**  
is Secretary of Construction Project Information (CPI).

**CPI** is the organisation behind the UK implementation of ISO 12006-2, publisher of Uniclass – the UK classification for building information.

# 4,000+

architectural practices and other companies already subscribe to NBS specification software

## NBS

BIM experts will work closely with you to determine the type and depth of information to include in your objects

## All

objects include NBS specification references which maximise your sales potential and reduce the risk of your products being substituted



**Left:** Designers can connect BIM objects from the NBS National BIM Library directly to their specification via our unique 'plug-ins'

**Right:** BIM enables errors and clashes to be resolved early on within the model, rather than later on-site

### Quality of Information

You can be confident that BIM objects authored to meet the NBS BIM Object Standard will have high quality, relevant and valued information that matches your customers' needs:

- our team of NBS BIM experts will work closely with you to determine the type and depth of information to be included within each BIM object
- this information will be derived from your product data sheets and other technical information
- your BIM objects will contain industry leading properties
- relevant environmental and other performance data will also be included
- this information will form the core of the BIM content for your product range
- we will ensure your BIM objects comply with government BIM requirements
- we will maintain and update your BIM objects so that they meet any future revisions of the NBS BIM Object Standard

### Integration into the UK's standard specification system

As the developers and authors of the UK's recognised specification standard, NBS is in a unique position to integrate your BIM objects directly into project specifications.

More than 4,000 individual architectural practices and other companies already subscribe to our software services, typically with more than one person using the NBS specification software within that practice.

Your NBS National BIM Library objects will include NBS specification references that link to NBS specifications, maximising your sales potential and reducing the risk of your products being substituted.

### Direct connectivity with design tools

Thanks to our close relationships with the key BIM systems vendors and our dedicated team of in-house developers, your objects will have direct connectivity with the major BIM design tools used by construction industry professionals.

Our NBS National BIM Library 'plug-ins' are freely available to specifiers and provide unique features to help you acquire business. Specifiers will be able to:

- find, select and use your BIM objects directly within the BIM design tool
- create a specification in NBS directly from the design tool with the information contained in your NBS National BIM Library object
- connect the project model containing your objects to the NBS project specification – ensuring that your products are clearly defined and specified
- keep the references to your products in the specification up-to-date, using your BIM objects in the project model and vice versa

92%  
of the Architects' Journal Top 120 practices have access to NBS Plus\*

8,000  
registered users of the NBS BIM Toolkit have created nearly 8,000 projects since its launch in April 2015

### Project timeline

NBS National BIM Library offers designers free-to-use generic objects which they can use at the very start of a design project. As the project develops, those designers will come back to NBS National BIM Library and replace the generic objects with bespoke manufacturer objects – your objects.

In addition, your object properties will adopt a common and consistent approach that enables collaboration and information flow across project timelines.

By supporting designers throughout the project timeline in this way, we are maximising our relationship with them and your potential to be selected.

### Unique exposure and reach

It's no use having industry-leading BIM objects if they don't reach your target market. Partnering with NBS gives unique exposure for your BIM objects which no other BIM library can match.

Your objects are:

- integrated within the world-leading NBS specification tool
- placed directly in front of designers at the point of specification through our unique and innovative free plug-ins
- included within the BIM Toolkit, used by thousands of specifiers working on BIM Level 2 projects

### Integration with your website

Your BIM objects can be made available on your own website too. Being able to sync your objects is unique to NBS National BIM Library and enables you to embed your live BIM objects within your own web pages, meaning that if your objects are updated on [nationalBIMlibrary.com](http://nationalBIMlibrary.com), they will automatically be updated on your own website too. Having the same BIM object in two different places means it's twice as likely specifiers will find it.

### Increase your exposure by subscribing to other products

Your BIM objects will be linked to your subscription to other NBS products, generating additional exposure to a wider audience. No other BIM library can offer this.

### NBS Plus

Your objects will be directly available within NBS specification software at the time of specification. 92% of the UK's top architectural practices have access to NBS Plus\* and to your BIM objects through this website.

### [ribaproductselector.com](http://ribaproductselector.com)

Your objects can be found through this market-leading and comprehensive building product directory used by construction industry professionals, receiving over 2 million page views in 2015 from nearly 70,000 visitors

### [ribacpd.com](http://ribacpd.com)

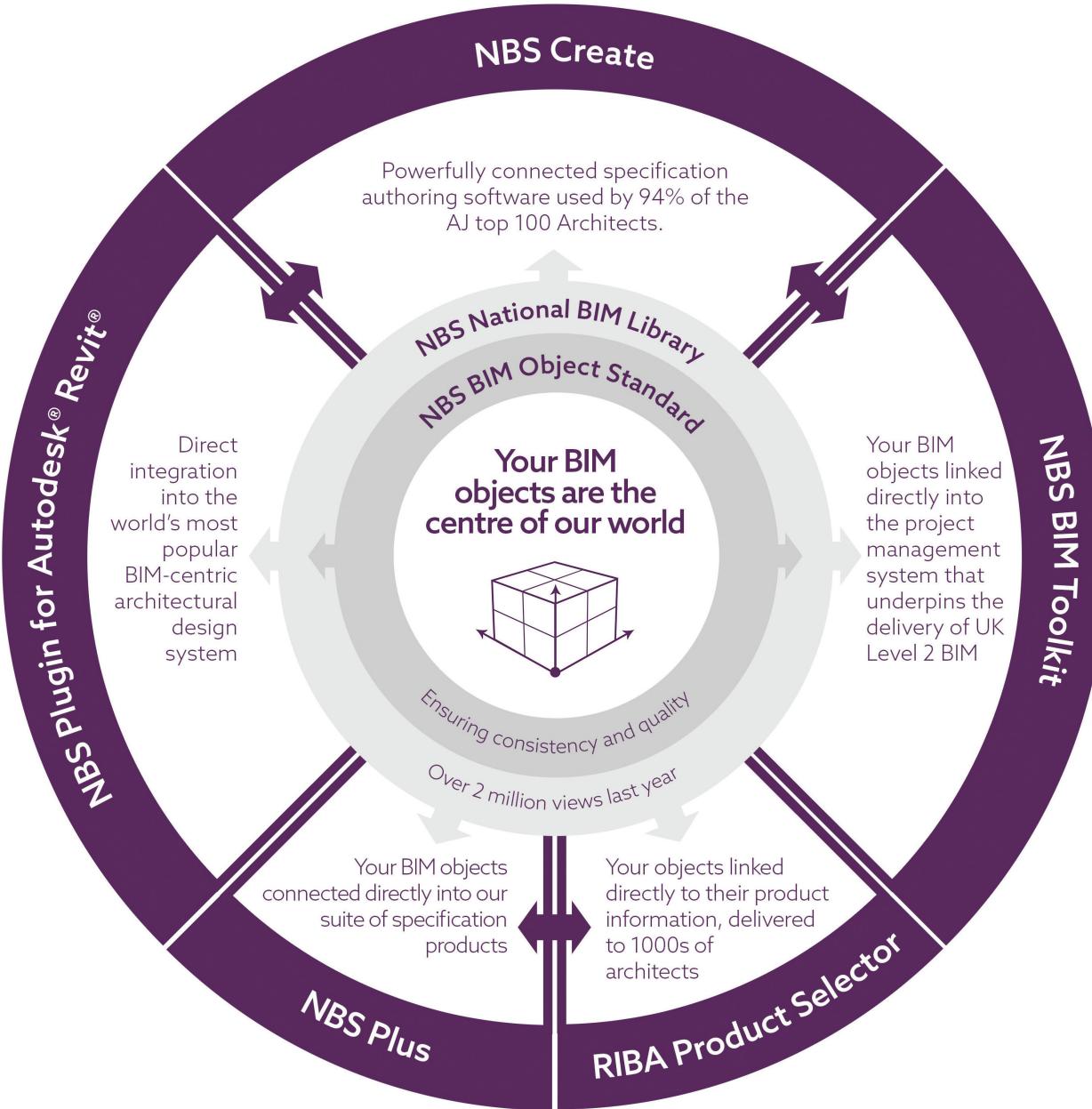
Your objects will be available to specifiers who visit this website for RIBA-approved CPD. The website received over 66,000 visitors in 2015, giving you plenty of additional exposure.

For manufacturers who subscribe to either [ribaproductselector.com](http://ribaproductselector.com) and/or NBS Plus in addition to the NBS National BIM Library, you will benefit from additional exposure through the NBS BIM Toolkit.

### Return on Investment

Becoming BIM-enabled is a major investment and we can help you measure your return on that investment.

The NBS National BIM Library is effectively a pre-sales tool for manufacturers, providing you with the ability to identify sales opportunities as soon as a designer uses your BIM objects. We will give you analytics and reports to show how many visits and downloads you are getting and provide leads for your sales teams.



## Make the right choice

Choose NBS National BIM Library and you can be confident that your objects will be authored and hosted by the experts.

- Be at the **forefront** of BIM development and benefit from world-leading expertise.
- Take advantage of this **unique opportunity** to ensure your objects are created and authored to the relevant information and specification standards.
- **Integrate** your BIM objects directly into the UK's recognised specification standard and leading design tools.
- Be part of the BIM Toolkit, an **integral element** in the Government's BIM Level 2 package.
- Be part of a service which **supports** your customers throughout the life of a project.
- Maximise the **exposure** for your products through our unique channels and innovative 'plug-ins'.
- See the **return on your investment** and receive leads which your sales teams can follow up.



## Customers

"Given the widespread use of NBS amongst our customers, NBS National BIM Library was the natural choice.... The BIM Object Standard obviously gives clients the satisfaction of knowing that the content they are using is of the highest standard."

**Lee Jones** Design Manager for BIM, Ideal Standard

"We needed to keep pace with the competition and NBS National BIM Library seems to be the market leader. We were a bit daunted by the prospect, but having our objects authored and hosted on the site has been much more straightforward than we first thought."

**John Mason** Technical Manager, Thomas Armstrong (Concrete Blocks) Ltd

"The key reason we chose NBS National BIM Library is that it fully integrates with all the other services our specifiers use, such as RIBA Product Selector and NBS Create."

**Blake Anderson** Brand Development, Lovair



[\*\*www.nationalBIMlibrary.com/BIM-for-Manufacturers\*\*](http://www.nationalBIMlibrary.com/BIM-for-Manufacturers)  
Useful information for manufacturers considering BIM.

[\*\*www.theNBS.com/BIM\*\*](http://www.theNBS.com/BIM)  
For expert articles, advice and videos on BIM.

For any enquiries, please contact us:

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