



# Opening up the potential of BIM with ASSA ABLOY

Skanska, Norway

**ASSA ABLOY**

The global leader in  
door opening solutions



## Who is the client?

Headquartered in Sweden, Skanska is a multinational construction business behind such prestigious global projects as New York's World Trade Center Transportation Hub, Sweden's Malmö Live and London's Gherkin. Skanska Norway, the

Scandinavian arm of the business, is similarly active throughout the region – and relies on Building Information Modelling (BIM) for collaboration, coordination and creation of ground-breaking projects.

## How do they use BIM?

Skanska Norway oversees a wide range of projects using BIM throughout their lifecycle – making things easier from start to finish. Working with Autodesk® BIM 360™ Field and partnering with Trioiving ASSA ABLOY and BIM-enabled subcontractors, the whole process is streamlined, and knowledge sharing eased.

Architects and specifiers use BIM to deliver more feasible, innovative and buildable 3D designs, as well as supporting coordination, installation and as-built data consolidation. Data from BIM objects is then available throughout the production phase –

helping Skanska achieve a more efficient, completely paperless construction site.

Let's take a typical example. Skanska subcontractors can use iPads on site to scan QR codes on a door. Instantly, they'll have access to all information about that door, as well as its associated hardware, controls and accessories – including 3D models and sketches of the complete door solution, wiring diagrams, hardware sets and collateral data.

## How has ASSA ABLOY made things easier?

Real-time information sharing and collaboration amongst all stakeholders reduces the barriers between teams both on and off the construction site – everyone knows exactly what's needed, and what stage the project is at. For example, with data from Trioiving ASSA ABLOY feeding directly into Skanska's project management system, managers can follow the status of installations, granting greater transparency and control over the project.

The overall result: faster, easier and safer processes and handovers; higher productivity; reduced waste and duplication of effort – and, with mistakes

eliminated, jobs done right first time. In the long term, the impact of BIM on Skanska projects is significant – enabling this industry leader to set ever-higher standards for performance, comfort, reliability and sustainability in the world of construction.

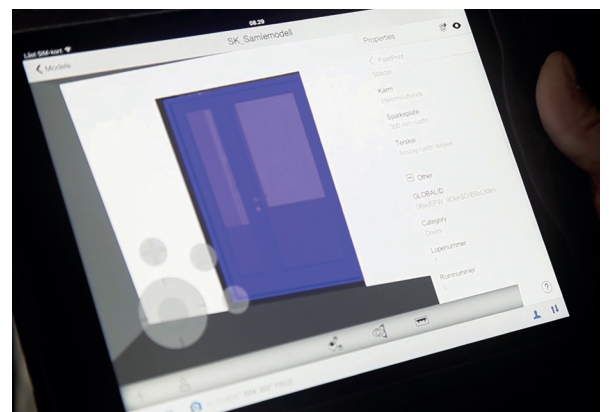
This is all made possible through ASSA ABLOY Openings Studio™ seamlessly integrated with Autodesk® BIM 360™ Field – easing not just data capture and access, but sharing too. Everyone from the installer to the electrician, from the architect to the specifier, has access to key data.

“

We're working together to use the information created by our designers throughout the production phase to follow up the status of installations in a much more efficient way than we've been able to do in the past.

”

**Rupert Hanna**  
BIM Global Knowledge Manager, Skanska



ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience

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