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*Jörgen Pell*

Jörgen Pell, Construction Engineer,  
White Arkitekter, Sweden

## How BIM has changed design workflow for the better

**From pioneering CAD to the world's largest BIM  
object: architects and engineers talk**

*Building design is complex. Regulations are ever-changing. And managing a process with a fluid group of specialist designers, engineers and suppliers inevitably creates challenges in terms of communication, time and cost. Since its creation, BIM – or Building Information Modeling – has evolved into an invaluable tool for architects and engineers, bringing immense advantages for the entire planning and process stage.*

The New Karolinska Solna Hospital in Sweden was designed in one of the world's biggest BIM models. White Arkitekter had over 120 architects and engineers working on the project at the same time. According to project engineer Jörgen Pell, BIM enabled “... more people to be in the same file and carry out different tasks at the same time.” And this turned out to be crucial to ensure White Arkitekter hit their deadlines.

BIM has freed architects from the restraints of working in isolation with a set of Rotring pens and CAD.

Architect and computer-aided design pioneer Philippe Samyn says that BIM has given his firm “a better means of communication.” Not only can they go much deeper into each project, they can make the experience “very pleasant for the client”.

This view is supported by Christopher Schmidt of Rainer Müller Architekten, Hannover, who says, “We can show the customer his or her individually designed gate in 3D. This represents the future – and a great competitive advantage for us.”

If BIM is part of your workflow, you and your team will find that the ASSA ABLOY Entrance Systems BIM object library is a simple way to specify all of the entry systems you'll need for your project. As Schmidt says, “The ASSA ABLOY Entrance System BIM library has convinced the employees of RMA Architects”. You can explore our BIM object library at [bimobject.com](http://bimobject.com)

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