



THE BIM ENGINEERS

THE **BIM**
ENGINEERS

HOW 3D BIM TEAMS CAN TRIPLE PRODUCTION



THE BIM ENGINEERS (TBE) BELIEVE THAT MOST PEOPLE WITHIN THE CONSTRUCTION INDUSTRY WILL AGREE WITH THE FOLLOWING TWO STATEMENTS:

- NOW AND EVEN MORE SO IN THE NEAR FUTURE, MORE BIM MODELLERS AND COORDINATORS WILL BE NEEDED TO KEEP UP WITH THE INCREASING USE OF BIM AND ACCOMPANYING NEW TECHNOLOGIES.
- A PROFESSIONAL BIM TEAM CONTRIBUTES STRONGLY TO INNOVATION, DEVELOPMENT AND GROWTH OF COMPANIES CONNECTED TO THE CONSTRUCTION INDUSTRY.

More modellers mean increased company production

We regularly find that the production of MEP installation companies, construction companies and companies producing for the construction industry is limited because there are not enough modellers available within their organisation. More modellers on the projects would increase the productivity during preparation as well as execution.

Traditional solutions

Vacancies for experienced BIM modellers often remain unfilled or are not filled at all, which means that the resulting lack of preparation and design continues to limit the productivity on site. Hiring permanent or the ongoing use of temporary staff is costly and not future-proof.

Innovation is inhibited by the pressure caused by the understaffed situation

As true innovation needs time and thought, the actual progress of innovations is often entirely prevented by the pressures met during planning and construction. In addition, the digital development towards prefabrication, virtual and augmented reality, 3D scanning, robotisation together with the improvements and developments due to BIM itself will further increase the demand for more capacity within companies who are working with these technologies and want to keep up with innovation.

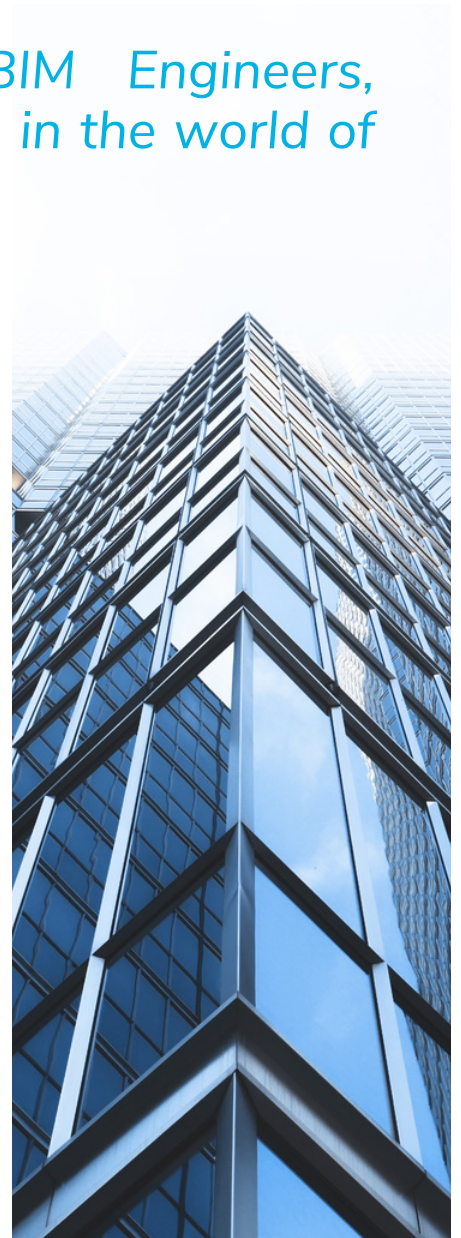
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This described method can be easily achieved by the use of TBE who have successfully been specialising in this kind of improvement process for years creating many satisfied clients around the world. They have a professional BIM team that coordinates and organises projects from their head office in the Netherlands in combination with their own team of highly qualified BIM modellers and specialists based in Gurgaon, India. This allows them to make use of typically 3 to 4 modellers per coordinator. Whenever required the number of modellers can easily be scaled up as there is an ample capacity of qualified modellers (> 300) available in their Indian side of the company.

Increasing productivity within the same BIM team

A process is needed to use the existing capacity more efficiently and to best use it mainly for the most valuable tasks. These are typically found in the coordination, communication, project control and management of the BIM models for construction projects. If existing capacity is used for that, the production of the 3D BIM models can easily be done outside the company. In fact the BIM team can not only develop and innovate much faster but the productivity can also be increased by a factor of two to three when comparing to the traditional process of the entire team when still involved with the daily modelling works.

'The BIM Engineers, leading in the world of BIM'



BIM BOOST (BB) by The BIM Engineers

TBE introduces a process that is perfectly scalable for every company with their own BIM team called 'BIM Boost' (BB). It links up with the existing work process of TBE to boost the existing team of their clients by typically providing additional modellers to every existing BIM specialist.

"Our new TBE colleagues are sure to be an asset to our project. They've got a lot of potential."

- GERMAN CLIENT OF BIM BOOST

Make use of the *BB* process and boost your team of *BIM* modellers to the required level and thus ensure that the demands of the future can be met.

BIM BOOST IS PART OF THE BIM ENGINEERS INNOVATION

BIM BOOST (BB) HAS THE FOLLOWING ADVANTAGES:

1. A modeller within an existing team broadens his horizon and transforms his function from only modelling to coordinating the modelling process.

This is achieved by the positive interaction with an external (award winning) team of BIM professionals provided by TBE fully supported and coordinated by TBE NL who have specialised in this win-win scenario.

2. BB creates the space needed for renewal and innovation within the BIM process of the company involved. We all know that daily production can get in the way of innovation.

3. BB changes the focus of BIM modellers from the production of the actual BIM models to coordination, communication and improvement. With that, every previous modeller turns his role into that of a coordinator and thus can increase his productivity 2 to 3-fold, strengthen his position and make his tasks more interesting at the same time.

