Testimonial 01
Location: Amsterdam, Netherlands

Name: Mathijs Natrop

Companies and roles: Board Member at BuildingSMART Benelux, Owner of Solidu, BIM Coordinator at BAM Netherlands

“The use of BIM and Scan technology helps creating an Identical Digital Twin. Model-data from different designers and from different stages in the lifecycle of a building, is validated against the IFC coordination models with the help of open standard E57 scan-data. It helps designers and stakeholders, in a virtual world where the digital twin is a representation of the actual building with actual assets to be managed. Open standards IFC, E57, and BCF are key to this development and needed for collaboration with stakeholders. An automatic output of BIM & Scan AutoCorr is the open standard BCF, which makes it possible to collect issues from different tools and gather them to transfer to a specific designer. The use of BCF in this way is a must in collaboration with others.”

Testimonial 02
Location: Nijmegen Area, Netherlands

Name: Stijn van Schaijk

Company and role: BIM Process Manager at VolkerWessels

“As a contractor we are scanning our projects more often, laser scanning technology is easily available nowadays. Where in the past point clouds where for specialist, they become common for project teams. We’ve used BIM & Scan AutoCorr on a few projects to check point clouds versus BIM. With help of AutoCorr, the differences between both files where visible within seconds, instead of hours searching for the deviations in the construction versus the IFC design models. AutoCorr delivers us coloured point clouds with deviations that are coloured red, and we can combine the automatic open standard output files from AutoCorr into our IFC files in our common IFC viewers. Due to this simple concept users can stay in the software they are familiar with. This makes adoption of this new technology pretty easy for the whole project team instead of specialists.”

Testimonial 03
Location: Champaign, Illinois, USA

Name: Dr. Bill East

Company and role: Owner at Prairie Sky Consulting, Director of COBie Academy at University of Florida, Adjunct Professor at Dublin Institute of Technology

“BIM & Scan AutoCorr was created to address problems when mapping open standard point cloud data with IFC formatted BIM objects. The developers of this product have used their expertise in the most demanding industrial facility settings to
provide an efficient tool based on solid research. While I am not an expert in this field, it does appear that the ability to modulate error rates while mapping objects and mapping to curved surfaces are significant innovations in this field.”

Testimonial 04
Location: Deventer, Overijssel Province, Netherlands

Name: **Esther de Bruijn**

Company and role: Co-Owner of Leap3D

“Leap3D uses AutoCorr to compare point clouds and IFC models. We use it to compare our point clouds with models that have been created in the past using old drawings. Our client likes to know what the differences are between the model once created and the current reality. We specifically like using this software because it does not only show the difference between the model and the pointcloud but it also shows the difference between the pointcloud and the model. If there are points that haven't been modelled, it will 'light up'. That is very useful. The software also enables a tolerance setting we can use finding the differences which makes it easy to use for different purposes (from very accurate to just a quick overview). We also like the software because the support of Bim&Scan is very helpful. When we have questions, their help is fast and accurate.”

Testimonial 05
Location: Edinburgh, UK

Name: **Dr. Frederic Bosche** (Inventor of Scan-vs-BIM)

Senior Lecturer in Infrastructure Programme Management - University of Edinburgh | School of Engineering I Institute for Infrastructure and Environment
Leader of the CyberBuild Lab, Associate Editor of Automation in Construction (Elsevier SCI IF=4.03), President of the International Association for Automation and Robotics in Construction (IAARC)

“Combining point clouds with Building Information Models (BIM) has great significance to enable construction digitalisation. To date, many works and solutions have focused on Scan-to-BIM, but a growing and critical area of interest is Scan-vs-BIM, to support construction progress and quality control, generation of as-built BIM, as well as asset monitoring. BIM & Scan AutoCorr is, to my knowledge, a unique Scan-vs-BIM solution by the fact that (1) it harnesses cloud technology; and (2) does it using open standards only (E57 for point clouds, and IFC and BCF for BIM information). The use of BCF to record (and communicate) deviations and subsequently how a BIM model should be adjusted to reflect as-built/as-is conditions is particularly interesting. BIM & Scan AutoCorr is a great platform upon which numerous applications could be conceived in a vendor-agnostic way, to promote industry-wide collaboration.”