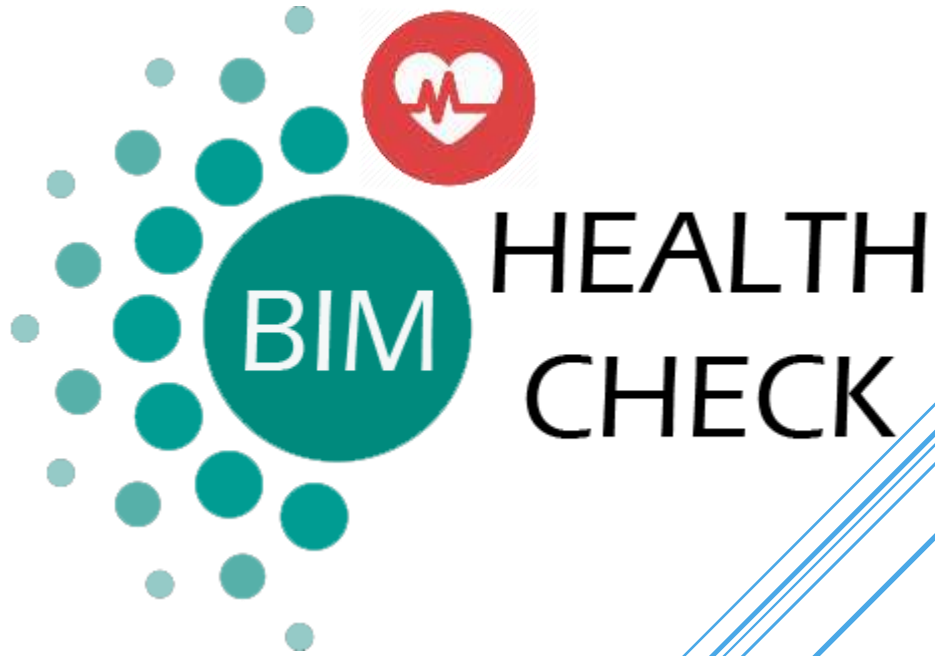


BIM HEALTH CHECK



bim
academy africa

Congratulations on taking your first steps into BIM. On this journey you will grow your business and streamline your workflows, increase productivity and profits. It is going to take work and push your comfort zone, but every member of your team will benefit from it, and the results will become apparent from the first BIM project you complete.

INDIVIDUAL DISCOVERY ASSESSMENT

Successful BIM implementation rests on a minimum BIM capability of all the project participants. Assessing these capabilities is the first step of any project. This is an obvious obstacle for clients that lack the tools to ensure the key participants it hires has the basic skills (i.e. BIM processes and qualified resources) needed to design and deliver the project. The high variability of firms' readiness to work with BIM may impose a high cost or risk for the client and the more mature members of the supply chain.

The BIM Institute Maturity Assessment rates project members according to their level of BIM capabilities. It assesses the organisation's BIM capabilities and determines the maturity level of the team.

ASSESSMENT RESULTS

The health check shows your business is conducted in the 'historic' (traditional) way. Although your team shows an eagerness to update their tools and workflows, these are not currently used in their day to day routines.

Based on Company A Individual BIM Health Check submissions the company is:

Level type Two Company – Transitional BIM

Company A should decide now whether to advance in design integrated project delivery or be part of the collaborative BIM process – whereby the value for your organisation lies more in the data management, methodology and workflows rather than in design stages.

Put another way, do you want to become an expert in your strengths or work to improve your weaknesses?

There is value on offer for both options, although maximum value lies in achieving both.

RESULTS SUMMARY

From the data generated by this assessment it is clear that Company A's biggest asset is its people, and it is this team that will take the company forward. Almost without exception, there is a high level of interest in these topics, which only peters off on the more advanced and managerial functions tested. This is to be expected – as the team is upskilled, the interest in these higher-level roles will naturally increase. It's an excellent starting position.

Technically the team need training. The basic software skills are largely lacking, not surprising as they are not currently using BIM tools in the workplace. Changing from a 2D environment to a 3D environment is not difficult on its own, although change management becomes critical here as the designers become frustrated in the initial learning phases with new systems and still using old processes..

The bigger learning curve will come with the changes in processes. This is where you can expect the fiercest resistance, and the largest gains. The team do not currently use any BIM processes and the online communication system in place is sluggish and open to misinterpretation and duplicity. To address this a solid foundational knowledge is critical in understanding common data environment processes. A one-day

workshop will lay this foundation, introducing the bigger picture and showing where each piece of the puzzle fits.

This is supported by intense and bespoke training that deals with **Company A's** unique client needs. The idea is to support and roll out the digital processes with the least fuss and the most support available, getting the team up and running with the least disruption possible, while building in safeguards and sustainability so that new team members, and new projects can be brought up to speed and into the new work culture in the future.

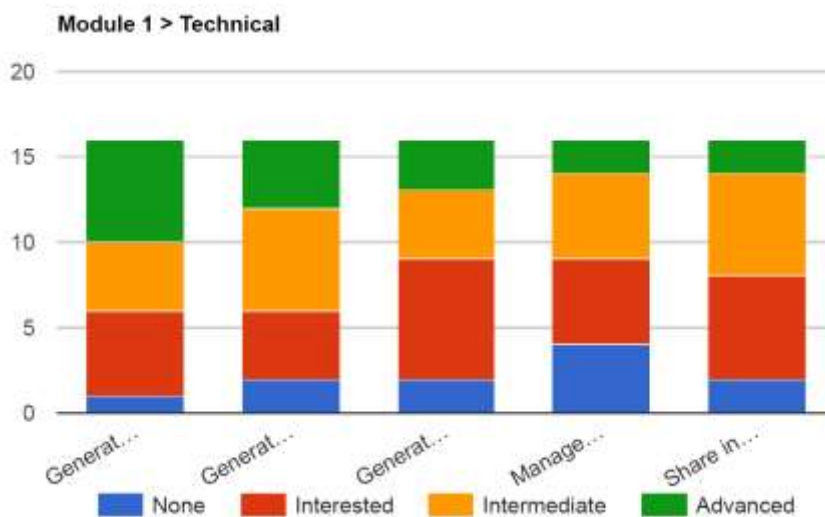
BREAKDOWN OF INDIVIDUAL HEALTH CHECK RESULTS

SECTION A - TECHNICAL

Technical Abilities:

The individual abilities required to generate project design deliverables across disciplines and specialities. Technical competencies include modelling, drafting and model management.

70% of the team already have advanced design experience and the rest of the team are eager to understand 3D modelling better. Most of the staff still use AutoCAD which is not a recognised BIM tool due to its lack of intelligent object modelling.



Areas of concern:

- With most participants still using AutoCad, the company should identify the importance of transformational times globally with few clients accepting 2D projects anymore.
- The company should look at its current licenses on all its systems. It is currently duplicating systems by using too many software applications that do the same things.

Currently no participants use Autodesk Revit. This poses a huge risk to future work within the company.

Recommended next step:

Example