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“The responses reflect the industry’s conservatism towards BIM technologies, with a number of respondents preferring to follow trends rather than to take the lead. Unfortunately, many who have adopted a BIM technology strategy have done so in a silo approach.”

The final report is based on 132 completed surveys and 85 incomplete surveys gathered between 12 September and 31 October 2016. The majority of returned questionnaires were from professionals and senior industrywide executives, with 39% of them working for organisations with more than 200 employees.

Some 81% of respondents agree that BIM in South Africa requires a mandate from the National Department of Public Works to be successful.

Responses were received from the following professions:

1 × Asset manager	11 × Engineers
4 × Contracts managers	11 × Project managers
4 × Contractors	15 × Technical experts
4 × IT services	17 × Quantity surveyors
4 × Planners	22 × Architects
9 × Draughtspersons	22 × BIM managers
10 × Government	

The sector response split was:

Construction	66%	Infrastructure	14%
Energy	2%	Residential	0%

“It should be noted that this is not a representative survey of the entire industry, but rather a glimpse at how leading organisations in South Africa are using technology in construction and the built environment. The majority of respondents came from Gauteng (45%), followed by Western Cape (31%), KwaZulu-Natal (8%) and ‘other’ (15%).”

The software findings revealed in the survey show that 34% of designers choose to work with AutoCAD, with 28% designing in Revit, 9% ArchiCAD, 4% Trimble, 4% Tekla, and 6% Bentley. Despite brand loyalty, the survey found that larger firms are more likely to use more than one software package.

Of respondents, 55% said they used cloud-based document management systems (Synergy Docwize and Key360), while some smaller firms were using cloud-based storage tools (Dropbox and Google Drive).

Some 81% of respondents agree that BIM in South Africa requires a mandate from the National Department of Public Works to be successful. **RACA**

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<http://www.biminstitute.org.za/wp-content/uploads/2016/12/SA-BIM-Survey-Report-2016.pdf>

ABOUT THE BIM INSTITUTE

The overriding objective of the Building Information Modelling (BIM) Institute is to promote the development and improvement of information technology processes in the construction industry.

The institute recognises that a successful construction industry is essential to us all, and now is the time for everyone to rethink our quality control systems to the benefit of all. It wishes to see dramatic improvements by helping deliver the standards and requirements of the BIM strategy for Africa, while also promoting other information technology processes and standards in our industry that can help strengthen South Africa’s construction industry for the future of any construction project implementation and beyond.

Partners and affiliated members within the BIM Institute include architects, engineers, contractors, building owners, facility managers, manufacturers, software vendors, information providers, universities, and more.

For more information, go to www.biminstitute.org.za