

## Media News

### Why is Big Data playing a crucial role in Construction?



Over the last 2 years alone, a mind-blowing 90% of data in the world was generated. According to research, a staggering 44 quintillion bytes of data were created every day in 2020, and it is estimated that this will rise to 175 zettabytes of data by 2025. This goes to show that data now has become the new oil.

Big data can be analysed for insights that improve and give confidence in making strategic decisions; a norm in today's "data-sphere". The understanding and gathering of data is of high importance in the construction and infrastructure industry, which has shifted from traditional siloed practices.

For projects, improving productivity and efficiency is of the upmost importance. Thus, gathering data and integrating into BIM technology helps to accurately predict how much energy and materials are required for projects, helping reduce environmental impact.

It's reported (*BARC- Business Application Research Centre*), that companies that utilised big data analytics reported an 8% increase in revenue. By using Maxwell GeoSystems' cloud-based MissionOS, project engineers are able to immediately start gathering real-time data. It's smart and highly-configurable dashboards help combine multiple views of data to gain a richer insight.

The MissionOS platform has been used in a range of projects globally, collecting millions of data records from instruments and TBM machines, allowing engineers to continuously monitoring the performance. Some recent projects include Thames Tideway Tunnel (London, UK), DTSS2- Deep Tunnel Sewerage System Project (Singapore) and Melbourne Metro (Melbourne, Australia), where MissionOS played a vital role.

With digitalisation sweeping through the industry, MissionOS is an ideal product in the ConTech (Construction Technology) sector for its benefits.

Want a FREE demo? Visit [www.maxwellgeosystems.com](http://www.maxwellgeosystems.com).

To read more on our global projects, visit [www.maxwellgeosystems.com/projects](http://www.maxwellgeosystems.com/projects).

**#MGS #BigData #ConstructionTechnology #Digitalisation #SaaS**

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