

WHITE PAPER

Autodesk BIM 360

Investing in the right product to be profitable in the new normal



Autodesk BIM 360

Introduction

The construction industry isn't perfect. There are plenty of challenges that the industry faces...some are more easily rectified than others. In this paper we will talk about how Autodesk BIM 360 is a tool to help solve some of those issues we are facing and how Symetri can ensure you are successful in implementing these solutions.

Using BIM 360 as a Common Data Platform

Rather than working in siloed systems, BIM 360 integrates the entire project workflow from design through construction across one common data platform. Teams can easily transfer information from one phase to the next while housing all project information and data within a single solution.

This creates a **single Source of Truth** meaning in practical terms a unified database with the most up to date information, the elimination of multiple iterations and rework, and a deeper understanding of project data to help make informed business decisions.

Easy Team Handoff and fast adoption of project data from one team to the next with cloud-based connectivity for mobile and desktop giving teams access from anywhere, and accessible historical data is another significant efficiency to drive your business forward.

Improved Decision-Making is enabled by having access to the right information at the right time, with all changes reflected in the current state of published files and the ability to involve more stakeholders earlier on in the construction process.

BIM 360 Features That Will Drive Your Business Forward

Document Management

Securely publish and distribute all drawings, documents, and models in a single, cloud-based platform. This enables document distribution, document control, mark-up drawings, version control, approval workflow, mobile access, and the ability to edit Office 365 documents directly in BIM 360.

Design Collaboration with BIM 360 Design

Accelerate project delivery, reduce rework, and improve productivity by enabling teams to securely co-author BIM designs in real-time and streamline deliverable coordination. Your teams can use Revit cloud work-sharing, review mark-ups and issues, change visualisation, and publish document sets all from one location.

Coordination

Keep the whole project team in sync, and get more constructable models earlier, by involving all project stakeholders in coordination and BIM collaboration processes. You can run clash detection, coordinate with suppliers and sub-contractors with round trip coordination.

Constructability

To ensure constructability you can access and view all 2D and 3D designs, collaboratively comment on sheets and models with mark-up tools, and resolve design issues during preconstruction. You can also review designs, compare versions, mark-up 2D & 3D drawing and models, measure, and record design issues.

RFI's and Submittals

Improve communication and visibility into project control workflows like RFIs, TQ's and submittals by managing them in a single platform. RFI Management, Submittal Tracking, Reporting, and Control Approval Process can all be managed with BIM 360.

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Meeting Minutes

Make meeting management effortless with clear visibility into the commitments made and an easily accessible history of all meeting records. Centralised and accessible meeting records. Create agendas, track attendance, document decisions, assign individuals to action items, generate follow-up meetings, and export minutes to PDF all within BIM 360.

Quality and Safety Management

Standardise on a proactive QA/QC process with BIM 360 enabling the whole team to participate. Creating QA and safety checklists and issues, reports, mobile inspections, and signoffs on any device.

Empower the whole project team to work toward proactively preventing incidents by capturing both positive and negative observations. Safety Checklists, Mobile Inspections, Daily Logs, Reporting, and Signatures.

Data and Analytics

Predict, prevent, and manage risk with instant visibility into daily priorities, project health, and company-wide performance. Right on the BIM 360 project home you can view Insight dashboards, Reports, Partner data, and Construction IQ.

Data Security

BIM 360 applications are hosted in AWS. As such, security and infrastructure are a shared responsibility between Autodesk and Amazon.

For more information on the comprehensive security framework, please visit: <https://www.autodesk.com/trust/security>

Conclusion

The advantages of moving your project data to the cloud and having a single source of truth will undoubtedly deliver savings from both the improvement in your processes and the associated minimisation of re-work. It will also give you a platform for collaboration with other organisations and projects, helping you to grow your business by participating on more projects.

It is hard to envision a business that wouldn't see a significant return on investment when purchasing BIM 360. Using proven implementation plans that Symetri can support you with and focusing on the features that will have the most impact on your business.

Read our case study on "[Secure collaboration with BIM 360](#)" to find out how Symetri supported Glancy Nicholls in the implementation of BIM 360 and the benefits it brought their business.