



MERIDIAN 3D BIM VISUALIZATION

Maximize Visibility and Clarity

Organizations like yours are facing increasing pressure to streamline document handover and to have access to accurate, comprehensive documentation throughout the facility and asset lifecycle. Without crucial tools to help meet these demands— like 3D BIM visualization— these organizations may limit their design understanding. They also face an increased risk for errors, hinder effective communication and collaboration, reduce key stakeholder engagement, and miss opportunities for operational optimizations.

3D BIM Visualization solves many of these problems, allowing engineering teams, contractors, and key stakeholders to visualize the building or infrastructure in a realistic way. This improves collaboration and coordination between the various parties involved for improved decision-making on building and asset design and variations.



Save costs by streamlining the design and construction process and reducing the need for rework



Enjoy better project outcomes by helping teams identify issues early and improving long-term efficiency



Maximize visibility and clarity with a digital perspective and virtual walkthroughs



Enhance compliance and safety by mitigating risk, simplifying audit preparedness, and ensuring quality

TAKE EDMS CAPABILITIES TO THE NEXT LEVEL

Meridian EDMS fosters seamless collaboration for extended teams while offering instant access to the most up-to-date plant and facility data and information for greater efficiencies, business continuity, compliance, and safety. 3D BIM visualization takes these capabilities to the next level.

VISIBILITY AND CLARITY

Allow stakeholders to view the building from different angles and perspectives and do virtual walkthroughs utilizing:

- Document repositories for CAD files, BIM models, drawings, Office documents, PDFs, scanned images, hybrid files, schematics, loop sheets, diagrams, facility documentation, operation and maintenance procedures, and vendor manuals.
- Digital twin management
- Mark-up and document version comparison

INCREASED SPEED, EFFICIENCY, AND COST CONTROL

Streamline the design and construction process with features like:

- Automated and controlled handover from engineering projects to as-built master documentation.
- Separate access between work-in-progress documentation and released master documentation

COLLABORATION AND EXCHANGE

Simplify collaboration and information exchange between teams and departments with:

- Real time collaboration with contractors and suppliers
- Better insights in design and visualization of the digital twin
- Functionalities that support the design, engineering and construction phases of the project
- Full Meridian capabilities that streamline compliance efforts, including audit trails, e-signature revision history, audit trails, and approval workflows

CLEAR VISUALIZATION

Simplify visualization with:

- The power to view Industry Foundation Classes (IFC) files in Meridian
- The ability to view asset data in the IFC file, rotate objects, zoom objects, select objects, and view cross-sections of objects
- Automatic rendering and publishing of released master data and documents

SCHEDULE A PERSONALIZED DEMO



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