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MERIDIAN 3D BIM VISUALISATION

Maximise Visibility and Clarity

Organisations 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 organisations 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 optimisations.

3D BIM Visualisation solves many of these problems, allowing engineering teams, contractors, and key stakeholders to visualise 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

Maximise visibility and clarity with a digital perspective and virtual walkthroughs

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

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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 visualisation 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 utilising:

- 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

VISUALISATION AND ANNOTATION EASE

Simplify visualisation and annotation 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
- Online annotations and commenting services

COMPLIANCE AND SAFETY

Mitigate risk, simplify audit preparedness, and maximise compliance with:

- Robust system validation services and continuous compliance capabilities, including SOC 2 Type II, 21 CRF Part 11, GxP, GMP Annex 11, and other industry regulations
- Document revision management
- Electronic review and approval workflows
- Complete audit trails, including print stamps, watermarks, e-signatures, document revision history

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

SCHEDULE A PERSONALISED DEMO

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