Create services for AECO

| 3D modeling and 2D drafting | BIM professional services | BIM consulting and automations | VDC management | Visualization and simulation | Connected digital twin |
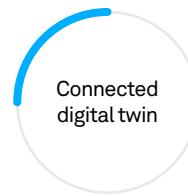
Hexagon Multivista Create services provide architects, engineers, general contractors, MEP subcontractors, and owners with comprehensive BIM / 3D modeling, 2D documentation, advanced visualization, VDC management, BIM consulting and automation services.

Our team helps AECO firms meet demanding deadlines through scalable design production, accurate pre-construction modeling, and high-quality visualizations that clarify design intent. We deliver an affordable entry point into Connected Digital Twins using photo-to-model AI and lightweight, purpose-built models that can expand in LOD and object detail over time. Clients rely on our ability to combine reality capture, lifecycle modeling, VDC processes, and workflow automations from a single vendor, reducing delays, improving coordination, and strengthening operational readiness across the building lifecycle.

Create service deliverables
Explore key deliverables and project support available across our services.

3D modeling & 2D drafting

- Laser scan–based (point cloud) as-built 3D models and 2D documentation extraction.
- Fabrication-ready BIM and 2D drawings.
- Field Layout points.
- Final as-built models for owner handover.
- Data input and extraction. Quantity take-offs.
- BIM Coordination modeling.

BIM professional services

- Multidisciplinary BIM experts' deployment for: Architects, Interior Designers, Civil Engineers, General Contractors, and MEP trade subcontractors.
- Quick team scalability
- Remote/On-site staff augmentation

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Consulting and automations

- Tailored BIM strategy development
- BIM assessment and implementation
- BIM Standards development and CDE setup
- ISO 19650 standardization
- Templates, Content creation, and training
- BIM Management Office (BMO) setup/support
- BIM Automation, custom plugins, data integrations and Advanced AI analytics
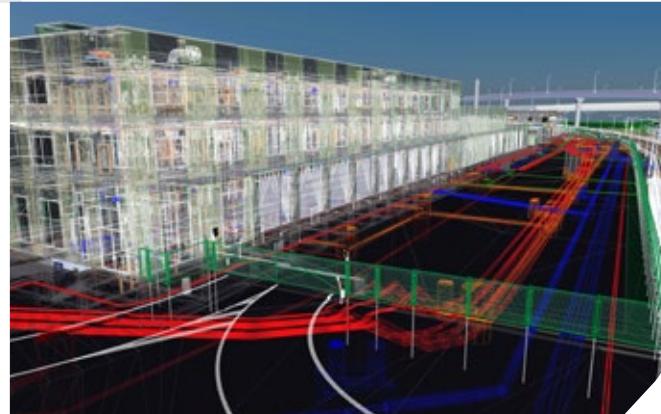
VDC management

- BIM execution planning (BEP)
- BIM Coordination Process Leading
- Clash detection + coordination management
- BIM audits + issue management and tracking
- 4D and 5D simulation
- Remote/On-site support
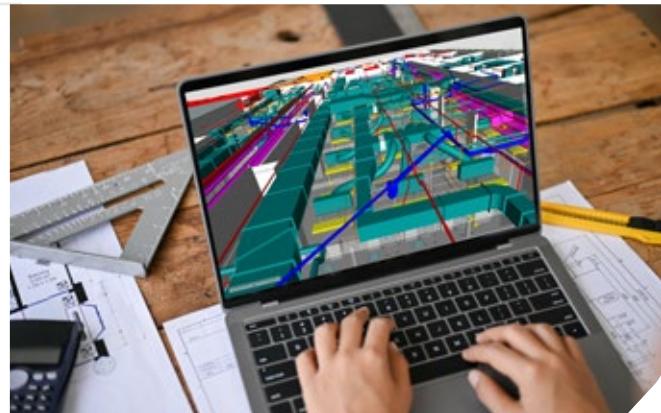
Visualization & simulation

- Optimized 3D models for visualization
- Immersive walkthroughs
- Simulated training/operations environments

Connected digital twins

- Reality capture and purpose-built as-built models for twins
- Connected IoT/building systems data
- Linked asset/work order data