

# BEXEL SOFTWARE SUITE

## **NEXT** GENERATION OF DIGITAL CONSTRUCTION MANAGEMENT



### **BEXEL MANAGER 20**

BEXEL Manager provides a single solution that enables construction professionals to digitalize key workflows through advanced integrated and flexible system. It allows construction companies to better coordinate their workflow and improve efficiency.

# BEXEL MANAGER FULLY INTEGRATES 3D, 4D, 5D AND 6D BIM



**3D BIM FEATURES**  
 QUANTITY TAKEOFF  
 CLASH DETECTION  
 MODEL DATA MANAGEMENT  
 PREPARATION OF TENDERING PACKAGES

**4D BIM FEATURES**  
 SCHEDULING AND PLANNING  
 SCHEDULE OPTIMIZATION  
 CONSTRUCTION SIMULATION  
 CRITICAL PATH METHOD AND ANALYSIS  
 PROGRESS TRACKING  
 PLANNED VS. ACTUAL

**5D BIM FEATURES**  
 COST ESTIMATION  
 5D PROJECT PLANNING  
 COST OPTIMIZATION  
 5D CONSTRUCTION SIMULATION  
 BUDGETING AND BILL OF QUANTITIES  
 5D PROGRESS TRACKING  
 CASH FLOW ANALYSIS

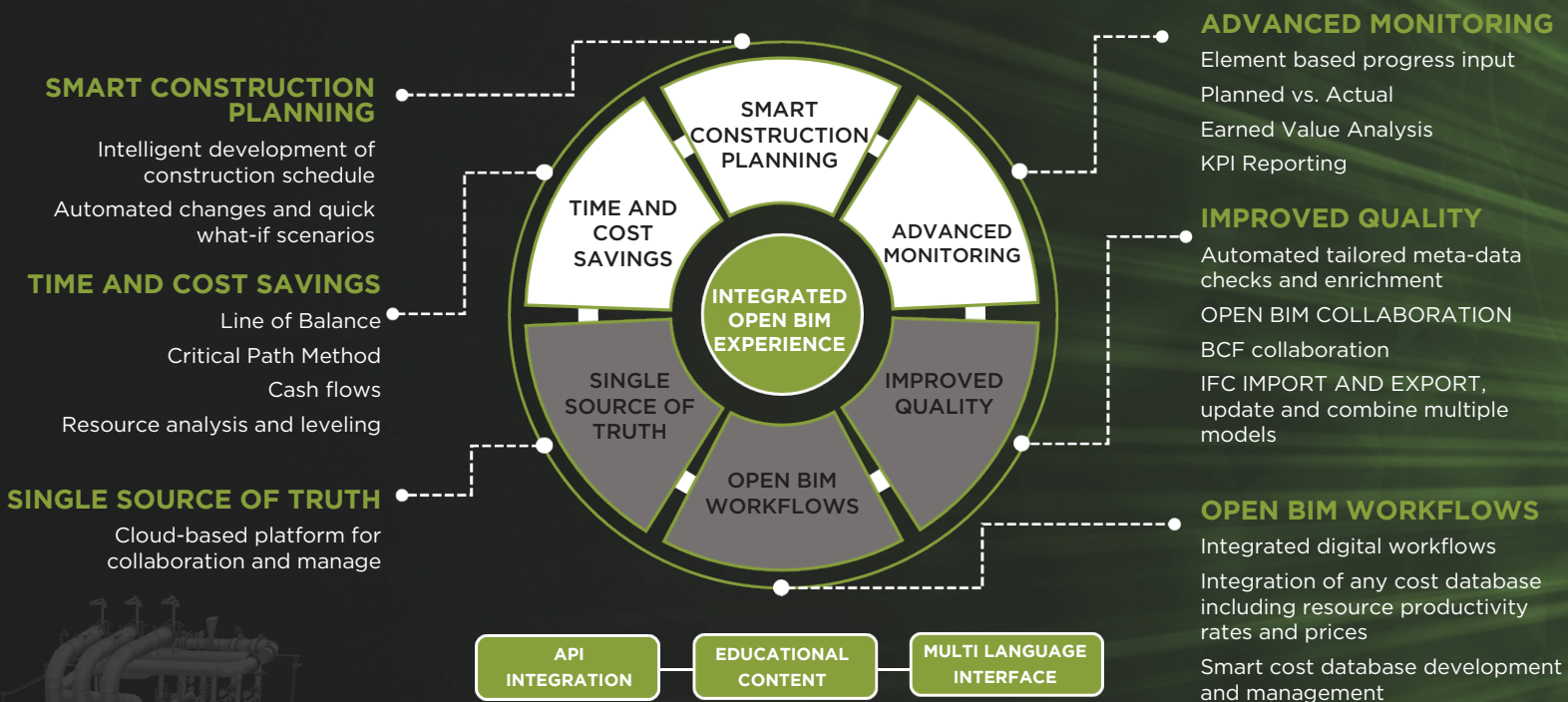
**6D BIM FEATURES**  
 FACILITY MANAGEMENT PLANNING  
 INTELLIGENT DOCUMENT LINKING  
 DOCUMENT MANAGEMENT SYSTEM  
 ASSET MODEL DATA  
 6D BIM REPORTING

## TRUE PLATFORM FOR LEAN CONSTRUCTION MANAGEMENT

BEXEL Manager includes design and data review and analysis, quantity take-offs, clash detection, cost estimations, change management, value engineering, schedule management and facility management. Platform is optimized for manage colossal projects and integrate hundreds of files.

With **BEXEL Common Data Environment** change or track changes, share or merge all your team work to one federated model, assign permissions and rights, do all advanced analysis and collaborate smoothly in an openBIM environment.

BEXEL Manager is international BIM platform configured according to ISO 19650 & ISO 12006



## VERSATILITY OF BEXEL MANAGER SMART PLANNING

INVALUABLE TOOL FOR REALISTIC AUTOMATED PROJECT PLANNING AND MANAGEMENT

- HIGH-RISE COMMERCIAL - HOSPITAL COMPLEXES -
- RESIDENTIAL COMPLEXES - COLOSSAL SPORTS VENUES -
- INDUSTRIAL FACILITIES - INFRASTRUCTURE PROJECTS -






## CONTENT MANAGEMENT

### INTELLIGENT KNOWLEDGE MANAGEMENT

BEXEL User Area is an online portal with a considerable amount of educational and training materials, including sample BIM models accompanied by detailed Step by step guide documents, construction sequence methodologies templates, BIM ready cost classification, add-ins and API scripts.

ACCESS  
BEXEL MANAGER  
USER AREA



Products					
<b>View Project Features</b>					
Real-time model navigation	✓	✓	✓	✓	✓
Walk-mode	✓	✓	✓	✓	✓
Save and export viewpoints and animations	✓	✓	✓	✓	✓
<b>Review Project Features</b>					
Model data review	✓	✓	✓	✓	✓
Open IFC file format	✓	✓	✓	✓	✓
IFC export	✓	✓	✓	✓	✓
Federated BIM models from multiple sources	✓	✓	✓	✓	✓
BCF support (export and import, cloud based management)	✓	✓	✓	✓	✓
<b>3D BIM Features</b>					
Quantity takeoff (QTO)	✓	✓	✓	✓	✓
Clash and Interference detection and management	✓	✓	✓	✓	✓
<b>4D BIM Features</b>					
Schedule, planning and progress tracking	✓	-	✓	✗✓	✗✓
Construction simulation	✓	-	✓	✗✓	✗✓
<b>5D BIM Features</b>					
Bill of quantities (BOQ)	✓	-	✓	✗✓	✗✓
Cash flow analysis	✓	-	✓	✗✓	✗✓
Schedule IFC import/export MVD	✓	-	✓	✗✓	✗✓
<b>6D BIM Features</b>					
Facility Management (FM)	-	-	-	-	✓
Asset model data	-	-	-	-	✓
Scheduling maintenance tasks at regular intervals	-	-	-	-	✓
Planning and monitoring maintenance costs	-	-	-	-	✓
Reporting on maintenance activities and costs	-	-	-	-	✓
<b>Common Data Environment</b>					
Installation on Client premises	-	-	-	✓	✓
Define user roles and permissions	-	-	-	✓	✓
History of all model versions available to go back to	-	-	-	✓	✓
Model & Analyses updates notifications	-	-	-	✓	✓
Cloud based document management platform	-	-	-	✓	✓
Collaboration and synchronization of analysis done by multiple users	-	-	-	✓	✓
Publishing of sub-models changes to federated model	-	-	-	✓	✓
Supproted languages	EN, DE, FR, IT, ES, RU, KR				

### BEXEL MANAGER LITE

BEXEL Manager Lite is the perfect tool for small to medium size projects that contain up to 15,000 BIM elements.



### BEXEL CDE ENTERPRISE

BEXEL CDE Enterprise is fully customizable and scalable BIM platform. Integrate it with ERP system, third party apps or your custom database. This software version includes BEXEL Engineer or BEXEL Manager, depending on the user's needs.



### BEXEL ENGINEER

BEXEL Engineer is 3D BIM solution for the model view, review, analysis and quantification.



### BEXEL FACILITY MANAGEMENT

BEXEL Facility Management is software for centralized model-based 6D facility maintenance, planning and asset tracking. This software version includes BEXEL Engineer or BEXEL Manager, depending on the user's needs.



### BEXEL MANAGER

BEXEL Manager is BIM management software where all analysis are integrated into a single model and single solution.



BEXEL MANAGER IS IFC CERTIFIED PLATFORM BY BUILDINGSMART INTERNATIONAL AND FULLY SUPPORTS OPEN IFC AND BCF FILE FORMATS.



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