

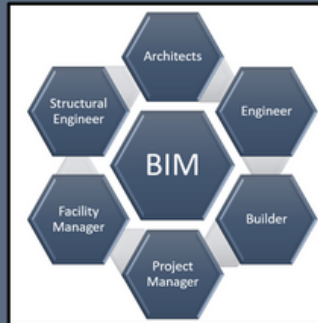
# Current BIM Capabilities

## COLLABORATION & COORDINATION

### Design Coordination

### Project Management

BIM provides a platform for collaboration among all project stakeholders throughout the project life cycle.



## CONSTRUCTION

### Virtual Design and Construction (VDC)

### Prefabrication & Modularization

### Integrated Site Planning

### Supply Chain Management



## DESIGN

### Visualization

### 3D Point Cloud

### Federated Model



BIM provides 3D object-based virtual models

### Construction sequencing & Scheduling

### Clash Checking



Time scheduling of construction

### Functional Simulation and Analysis

Structural analysis  
Performance analysis  
Cost estimation  
Energy & environmental analysis

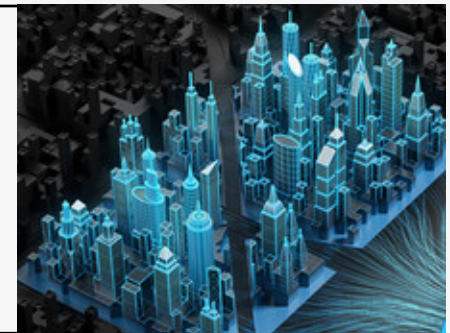


## OPERATION

### Facility Management

### As-Built Modeling

### Digital Twin



CBIM – EUROPEAN TRAINING NETWORK

CLOUD-BASED BUILDING INFORMATION MODELLING