

Software - Preliminary Design and Feasibility Tools

Product Name	Manufacturer	BIM Use	Manufacturer's Description	Primary Function	Supplier Web Link
Revit Architecture	Autodesk	Creating and reviewing 3D models	Autodesk® Revit® technology is Autodesk's platform for building information modeling. Built on the Revit platform, Autodesk® Revit® Architecture software is a complete, discipline-specific building design and documentation system supporting all phases of design, from conceptual studies through the most detailed construction drawings, documentation and schedules.	Architectural Modeling and parametric design.	www.autodesk.com
DProfiler	Beck Technology	Conceptual Design and Cost Estimation	The company's flagship program, called DProfiler™, integrates conceptual 3D modeling with cost estimating intelligence enabling project teams to evaluate more alternatives in less time with better clarity before moving into design development	3D conceptual modeling with real-time cost estimating	www.beck-technology.com
Bentley Architecture	Bentley Systems	Creating and reviewing 3D models	Bentley's fully integrated multi-disciplinary products empower architects, structural engineers, civil engineers, electrical engineers, mechanical engineers, energy assessors, site designers, and other professionals to design, analyze, construct and manage buildings of all types and scales.	Architectural Modeling	www.bentley.com
SketchUp Pro	Google	Conceptual 3D Modeling	Google SketchUp Pro is used to quickly create accurate 3D models for pursuit and marketing, preliminary estimation, detailing, site logistics and staging, design and construction validation, sequencing and line-of-sight analysis. It enables collaboration and communication between the various stakeholders on a project.	Conceptual Design Modeling	www.sketchup.google.com
ArchiCAD	Graphisoft	Conceptual 3D Architectural Model	ArchiCAD was the first object oriented BIM Architectural application available in the commercial market, and the only BIM architectural application running on the MAC platform, as well as Windows	Architectural Model Creation	www.graphisoft.com
Vectorworks Designer	Nemetschek	Conceptual 3D Modeling	From design concept to construction documentation and every design phase in between, Vectorworks Designer marries precision 2D drafting and flexible 3D modeling with state of the art technology.	Architectural Model Creation	www.nemetschek.net
Tekla Structures	Tekla	Conceptual 3D Modeling	Tekla Structures is primarily a structural authoring tool, however it is possible to create conceptual models, as well.	A structural 3D Model Application	www.tekla.com
Affinity	Trelligence	Conceptual 3D Modeling	Trelligence Affinity focuses on architectural programming and schematic designs that fast-forward BIM into the pre-design phase, thereby providing both time and room design concept to construction documentation and every design phase in between, Vectorworks Designer marries precision 2D drafting and flexible 3D modeling with state of the art technology.	A 3D Model Application for early concept design	www.trelligence.com
Vico Office	Vico Software	Conceptual 5D Modeling	Vico Office allows GCs to combine BIMs from Revit, Tekla, ArchiCAD, CAD-Duct, and IFC files. The "whole model" (whatever its level of detail) can then be coordinated, scheduled and estimated	5D conceptual model which can be used to generate cost and schedule data	www.vicosoftware.com

Software - BIM Authoring Tools

Product Name	Manufacturer	BIM Use	Manufacturer's Description	Primary Function	Supplier Web Link
Revit Architecture, AutoCAD Architecture	Autodesk	Architecture and site design	Autodesk® Revit® technology is Autodesk's platform for building information modeling. Built on the Revit platform, Autodesk® Revit® Architecture software is a complete, discipline-specific building design and documentation system supporting all phases of design, from conceptual studies through the most detailed construction drawings, documentation and schedules.	Architectural Modeling and parametric design.	www.autodesk.com
Revit Structure	Autodesk	Structural	Same as above, but for Structural design	Structural Modeling and parametric design	www.autodesk.com
Revit MEP, AutoCAD MEP	Autodesk	MEP	Same as above, but for MEP design, modeling to support analysis	MEP modeling	www.autodesk.com
Bentley BIM Suite - Includes MicroStation, Bentley Architecture, Bentley Structural, Bentley Building Mechanical Systems, Bentley Building Electrical Systems, Bentley Building Electrical Systems for AutoCAD, Generative Design and Generative Components	Bentley Systems	Multi-discipline	Each discipline-specific application provides an informed work environment to support the design and documentation process throughout all phases of the project lifecycle—from conceptual design and construction documentation to coordination and construction and allow distributed teams to "build as one" within a managed environment. Building Information Modeling (BIM) is a way of approaching the design and documentation of building projects – by modeling and managing not just graphics, but also information. This information allows the automatic generation of drawings and reports, design analysis, schedule simulation, facilities management, and more – ultimately enabling the building team to make better-informed decisions and to produce better buildings. Generative design enables architects and engineers to pursue designs and achieve results that were virtually unthinkable before. Using associative parametrics and computational methods, designers can explore a broad range of "what-if" alternatives for even the most complex buildings, quickly and easily. Prerequisites: MicroStation® v8.5.2 or higher , Microsoft Word & Excel (for reporting), Supports DGN,DWG,DXF, PDF, IFC, SKP,3DS, CIS2,gbXML and more..	Architectural, Structural, Mechanical, Electrical and Generative Components - all within the 3D modeling environment	www.bentley.com
Digital Project	Gehry Technologies	Multi-discipline	Gehry Technologies combined PLM's 3D design and management capabilities with project experience gained with using Dassault Systemes' 3D solutions over the years to create Digital Project, a CATIA-based building information modeling (BIM) system. A platform which combines Dassault Systemes' solutions and dedicated software developed by Gehry Technologies specifically for building industry systems, Digital Project generates a single digital model which can be accessed and modified by all teams participating in the same building projects.	Digital Project Designer is a high-performance 3D modeling tool for architectural design, engineering, and construction. Designer provides an extensive set of tools for creating and managing building information throughout the building lifecycle.	www.gehyrtechnologies.com
Digital Project MEP Systems Routing	Gehry Technologies	MEP	Digital Product Systems Routing is a design application that enables system planners to reserve the space needed for functional and detail layouts of HVAC, raceways, and plumbing. MEP planners can optimize their designs analyzing spatial needs and installation sequences	MEP Design	www.gehyrtechnologies.com
SketchUp Pro	Google	Multi-discipline	Google SketchUp Pro is used to quickly create accurate 3D models for pursuit and marketing, preliminary estimation, detailing, site logistics and staging, design and construction validation, sequencing and line-of-sight analysis. It	3D Architectural and Structural modeling	www.sketchup.google.com

ArchiCAD	Graphisoft	Architecture, MEP and site design	ArchiCAD was the first object oriented BIM Architectural application available in the commercial market, and the only BIM architectural application running on the MAC platform, as well as Windows	3D Architectural Modeling	www.graphisoft.com
Vectorworks	Nemetschek	Architecture	From design concept to construction documentation and every design phase in between, Vectorworks Designer marries precision 2D drafting and flexible 3D modeling with state of the art technology.	3D Architectural Modeling	www.nemetschek.net
Fastrak	CSC (UK)	Structural	Fastrak Building Designer provides the most comprehensive range of solutions available for structural steel building design. The complete physical design model can be created, incorporating timber and concrete members, as well as steel.	3D Structural Modeling	www.cscworld.com
SDS/2	Design Data	Structural	SDS/2 is the only product with the built-in intelligence to automatically design connections using a 3D model with a multitude of options for beams, columns, bracing and joists. A full station of SDS/2 gives you the power to get the job done.	3D Structural Modeling and Detailing	www.dsndata.com
RISA	RISA Technologies	Structural	RISA is a full suite of structural design and analysis applications, in both 2D and 3D.	Full Suite of Structural Design Applications for steel, wood, concrete, and masonry	www.risatech.com
Tekla Structures	Tekla	Structural	Tekla Structures is Building Information Modeling (BIM) software that enables the creation and management of accurately detailed, highly constructable 3D structural models regardless of material or structural complexity. Tekla models can be used to cover the entire building process from conceptual design to fabrication, erection and construction management	3D Structural Modeling, Detailing, Fabrication and Construction Management	www.tekla.com
Cadpipe HVAC	AEC Design Group	MEP	CADPIPE HVAC provides contractors with the ultimate mechanical drafting tool. This AutoCAD based program has a full range of rectangular, oval, and round fittings. CADPIPE HVAC contains an imperial database based on SMACNA standards and a metric database based on British standards.	3D HVAC Modeling	www.cadpipe.com
MEP Modeler	Graphisoft	MEP	Where the MEP engineer can provide 3D data, architects are able to import the consultants MEP model into ArchiCAD using IFC format. In addition to this generic IFC interface, the MEP Modeler package provides an improved connection with AutoCAD MEP 2008/2009 via IFC, using an export plug-in called ArchiCAD Connection	3D MEP Modeling	www.graphisoft.com
Fabrication for ACAD MEP	East Coast CAD/CAM	MEP	East Coast CAD/CAM, together with Autodesk has developed the first fully embedded fabrication toolset for HVAC and Piping inside AutoCAD MEP software, the version of AutoCAD® software designed specifically for mechanical, electrical and plumbing designers and drafters.	MEP detailed Modeling, for Fabrication	www.eccadcam.com
CAD-Duct	Micro Application Packages Ltd.	MEP	CAD-Duct is a 3D Drafting Software Package that loads as an Application in AutoCAD® or ADT®. The Software provides the Product Libraries and Productivity Tools that allow accurate, detailed Services to be quickly drawn by a competent draftsmen. CAD-Duct contains HVAC, Mechanical, Public Health Fitting and Equipment Libraries based on Leading Manufacturers Products. There are also Electrical Containment and Structural Steel Libraries.	3D MEP detailed Modeling, for Fabrication	www.cadduct.com
DuctDesigner 3D, PipeDesigner 3D	QuickPen International	MEP	QuickPen's state-of-the-art 3D CAD systems extend AutoCAD functionality to provide sheet metal and piping-specific detailing solutions. Increase detailing productivity and accuracy, integrate with fabrication, and reduce costs.	3D MEP detailed Modeling	www.quickpen.com
Trimble® Design Link	Trimble	MEP	Trimble® Design Link extends the usability of sheet metal designs created in AutoCAD® MEP by adding standards driven detail which can be seamlessly exchanged between Vulcan(R) fabrication software, the AutoBid SheetMetal estimating solution, Trimble construction layout systems and collision avoidance & collaboration applications.	3D MEP detailed Modeling	www.quickpen.com
HydraCAD	Hydratec	Fire Protection	HydraCAD is a fully integrated 3D software package specialized toward the design of fire sprinkler systems and is the most complete and integrated CAD package available.	3D Fire Sprinkler Design and Modeling	www.hydratec.com
AutoSPRINK VR	M.E.P. CAD	Fire Protection	AutoSPRINK VR is a stand-alone Fire Sprinkler CAD program for the Microsoft Windows family of operating systems. AutoSPRINK VR requires no additional CAD software; it has its own 3D CAD design engine based on object-oriented technology.	3D Fire Sprinkler Design and Modeling	www.autosprink.com
FireCad	Mc4 Software	Fire Protection	FireCad is a professional software which has been created to design fire net systems, to calculate fire loads and to verify the stability, seal and thermal insulation structure coefficient. The program is able to size the sprinklers and hydrants pipe net in any configuration. It is also able to calculate the pump pressure in any pipe net form. FireCad can effectively simulate the real performance of a fire pipe net.	Fire piping network design and modeling	www.mc4software.com
AutoCAD Civil 3D	Autodesk	Civil & Infrastructure and Site Logistics	AutoCAD Civil 3D uses BIM to help civil engineering project teams evaluate more what-if scenarios earlier in the design process and get transportation, land development and environmental projects done faster and more efficiently.	Site development	www.autodesk.com
PowerCivil	Bentley Systems	Civil & Infrastructure and Site Logistics	PowerCivil for North America automates site design field to finish, with relationship modeling for real-time scenario exploration. Designers, engineers, and surveyors share a single environment.	Site development	www.bentley.com
Site Design Site Planning	Eagle Point	Civil & Infrastructure and Site Logistics	Site Design is a toolkit for situations when a project requires complex site modeling and analysis. Site Planning provides a set of tools that professional landscape architects can use to set up and design elements for a site plan	Site development	www.eaglepoint.com
Synchro Professional	Synchro Ltd.	Site Logistics	Synchro can be used to display and sequence time-based activities to include placement of temporary equipment and material,	Scheduling (4D), sequencing	www.synchro ltd.com

Tekla Structures	Tekla	Site Logistics	Tekla Structures software provides fully detailed models for centralizing essential planning and management data. Construction managers can visualize the building in its 'as-built' condition, locate the task in the building, and show their team the exact way to proceed.	A fully integrated BIM solution based upon a structure-centric approach	www.tekla.com
------------------	-------	----------------	--	---	--

Software - BIM Analysis Tools

Product Name	Manufacturer	BIM Use	Manufacturer's Description	Primary Function	Supplier Web Link
Robot	Autodesk	Structural Analysis	Autodesk® Robot™ Structural Analysis Professional software provides a scalable, country-specific analysis solution for the structural engineer to analyze many types of structures, including buildings, bridges, civil, and specialty structures.	Bi-directional link with Autodesk Revit Structure	www.autodesk.com
Green Building Studio	Autodesk	Energy Analysis	The Autodesk® Green Building Studio® web-based energy analysis service can help architects and designers perform whole building analysis, optimize energy efficiency, and work toward carbon neutrality earlier in the design process.	Measure energy use and carbon footprint	www.autodesk.com
Ecotect	Autodesk	Energy Analysis	Autodesk® Ecotect® Analysis green building software is a comprehensive sustainable analysis tool that delivers a wide range of simulation and analysis functionality through desktop and web-service* platforms.	Weather, energy, water, carbon emission analysis	www.autodesk.com
Structural Analysis/Detailing-(STAAD.Pro, RAM, ProStructures), Building Performance-(Bentley Hevacomp, Bentley Tas)	Bentley Systems	Structural Analysis/Detailing, Quantity Take-off, Building Performance	Bentley's fully integrated multi-disciplinary products empower architects, structural engineers, civil engineers, electrical engineers, mechanical engineers, energy assessors, site designers, and other professionals to design, analyze, construct and manage buildings of all types and scales. Each discipline specific application provides an informed work environment to support the design and documentation process throughout all phases of the project lifecycle—from conceptual design and construction documentation to coordination and construction and allow distributed teams to “build as one” within a managed environment. . Building Information Modeling (BIM) is a way of approaching the design and documentation of building projects – by modeling and managing not just graphics, but also information. This information allows the automatic generation of drawings and reports, design analysis, schedule simulation, facilities management, and more – ultimately enabling the building team to make better-informed decisions and to produce better buildings. Generative design enable architects and engineers to pursue designs and achieve results that were virtually unthinkable before. Using associative parametrics and computational methods, designers can explore a broad range of "what-if" alternatives for even the most complex buildings,	Measure, assess and report building performance.	www.bentley.com
Solibri Model Checker	Solibri	Model Checking & Validation	Solibri Model Checker is a rules-based model checking application. It is possible to check 3D models for an unlimited number of behaviors, from egress analysis to ADA compliance, spatial coordination and spatial validation vs. existing specifications.	Rules-based checking for compliance and validation of all objects in the model	www.solibri.com
VE-Pro	Integrated Environmental Solutions (IES)	Energy & Environmental Analysis	IES offers a wide range of energy-related analytical tools for use on 3D models.	All aspects of energy analysis and simulation in many areas	www.iesve.com
RISA	RISA Technologies	Structural Analysis	Links to Autodesk Revit Structure	Full suite of analysis tools for steel, wood, concrete and masonry	www.risatech.com
Digital Project	Gehry Technologies	Structural Analysis	Digital Project is a suite of tools that include design and analysis of 3D models for structural, mechanical and building behavior.	Comprehensive suite of BIM tools based upon the CATIA CAD engine.	www.gehrytechnologies.com
GTSTRUDL	Georgia Institute of Technology	Structural Analysis	Structural Analysis tool developed at Georgia Tech	Structural Analysis	www.gtstrudl.gatech.edu
Energy Plus	U.S. Department of Energy & LBNL	Energy Analysis	EnergyPlus models heating, cooling, lighting, ventilating, and other energy flows as well as water in buildings.	Energy Simulation	www.apps1.eere.energy.gov
DOE2	Lawrence Berkeley National Lab (LBNL)	Energy Analysis	DOE-2 is a widely used and accepted freeware building energy analysis program that can predict the energy use and cost for all types of buildings.	Energy Simulation	www.doe2.com
FloVent	Mentor Graphics	Air Flow/CFD	FloVENT is a powerful Computational Fluid Dynamics (CFD) software that predicts 3D airflow, heat transfer, contamination distribution and comfort indices in and around buildings of all types and sizes.	Environmental simulation and analysis	www.mentor.com
Fluent	Ansys	Air Flow/CFD	ANSYS FLUENT software contains the broad physical modeling capabilities needed to model flow, turbulence, heat transfer, and reactions for industrial applications ranging from air flow over an aircraft wing to combustion in a furnace, from bubble columns to oil platforms, from blood flow to semiconductor manufacturing, and from clean room design to wastewater treatment plants.	Environmental simulation and analysis	www.ansys.com
Acoustical Room Modeling Software	ODEON	Acoustical Analysis	Odeon software for simulating the interior acoustics of buildings. From geometry and surface-properties acoustics can be predicted, illustrated and listened to. Sound reinforcement is easily integrated in the acoustic predictions. Odeon use image-source method combined with ray tracing.	Acoustic Simulation and Analysis	www.odeon.dk
Apache HVAC	IES	MEP Analysis	ApacheHVAC enables you to simulate heating, ventilation and air-conditioning systems quickly and easily. It uses a flexible component-based approach which enables you to assemble systems on-screen as designed.	HVAC Plant Simulation	www.iesve.com
Carrier E20-II	Carrier	MEP Analysis	Individual programs are available to assist in heating & cooling load estimating, annual building operating cost estimating, refrigerant piping system design, and economic life cycle analysis.	HVAC system analysis	www.commercial.carrier.com
TRNSYS	Solar Energy Lab/U of Wisconsin & U of Colorado	Thermal Energy Analysis	TRNSYS is a well respected energy simulation tool under continual development by a joint team made up of the Solar Energy Laboratory (SEL) at the University of Wisconsin-Madison, The Centre Scientifique et Technique du Batiment (CSTB) in Sophia Antipolis, France, Transsolar Energietechnik GmbH in Stuttgart, Germany and Thermal Energy Systems Specialists (TESS) in Madison, Wisconsin.	Simulation of performance of thermal energy systems.	www.trnsys.com

Software -Shop Drawing and Fabrication Tools

Product Name	Manufacturer	BIM Use	Manufacturer's Description	Primary Function	Supplier Web Lin
--------------	--------------	---------	----------------------------	------------------	------------------

CADPIPE Commercial Pipe	AEC Design	Shop Drawing & Fabrication	AutoCAD-based program with full range of materials, connection types, and fittings for plumbing, pressure, waste and copper pipe.	Fabrication	www.cadpipe.com
Revit MEP	Autodesk	Shop Drawing	Creates detailed shop drawings	Detail Design for Shop Drawings	www.autodesk.com
SDS/2	Design Data	Shop Drawing	SDS/2 is the only product with the built-in intelligence to automatically design connections using a 3D model with a multitude of options for beams, columns, bracing and joists. A full station of SDS/2 gives you the power to get the job done.	Detail Design for Shop Drawings	www.dsndata.com
Fabrication for AutoCAD MEP	East Coast CAD/CAM	Fabrication	East Coast CAD/CAM, together with Autodesk has developed the first fully embedded fabrication toolset for HVAC and Piping inside AutoCAD MEP software, the version of AutoCAD® software designed specifically for mechanical, electrical and plumbing designers and drafters.	Interact with AutoCAD MEP for custom libraries and fabrication	www.eccadcam.com
CAD-Duct	Micro Application Packages Ltd.	Fabrication	CAD-Duct is a 3D Drafting Software Package that loads as an Application in AutoCAD® or ADT®. The Software provides the Product Libraries and Productivity Tools that allow accurate, detailed Services to be quickly drawn by a competent draftsmen. CAD-Duct contains HVAC, Mechanical, Public Health Fitting and Equipment Libraries based on Leading Manufacturers Products. There are also Electrical Containment and Structural Steel Libraries.	Use AutoCAD geometry, for fabrication	www.cadduct.com
PipeDesigner 3D & Duct Designer 3D	QuickPen International	Fabrication	QuickPen's state-of-the-art 3D CAD systems extend AutoCAD functionality to provide sheet metal and	Use AutoCAD geometry, for fabrication	www.quickpen.com
Tekla Structures	Tekla	Shop Drawing	It streamlines the entire workflow from sales, bidding, cost estimation, and conceptual design to detailing, fabrication, erection, and follow-up	Structure-centric fabrication	www.tekla.com
Trimble® Design Link	Trimble	MEP	Trimble® Design Link extends the usability of sheet metal designs created in AutoCAD® MEP by adding standards driven detail which can be seamlessly exchanged between Vulcan(R) fabrication software, the AutoBid SheetMetal estimating solution, Trimble construction layout systems and collision avoidance & collaboration applications.	Uses AutoCAD MEP geometry and sheet metal manufacturer design libraries	www.quickpen.com

Software - Construction Management Tools

Product Name	Manufacturer	BIM Use	Manufacturer's Description	Primary Function	Supplier Web Link
Navisworks Manage	Autodesk	Clash Detection	Manage provides facility to import models from wide range of file formats, to perform clash detection and to generate reports in multiple formats (html, xml, viewpoints) as desired.	Model-based Clash Detection between trades	www.autodesk.com
ProjectWise Navigator	Bentley	Clash Detection	ProjectWise creates a seamless foundation environment for all Bentley applications to extend interoperability.	Coordination between models and disciplines	www.bentley.com
Digital Project Designer	Gehry Technologies	Model Coordination	Full range of capabilities, from takeoff to estimating, to scheduling and project management	Full featured suite, based upon CATIA application	www.gehyrtechnologies.com
Solibri Model Checker	Solibri	Spatial Coordination	Model Checker is a true BIM application focused on the Information associated with model objects and their compliance with established rules or standards.	QA/QC of models based upon rulesets and spatial requirements	www.solibri.com
Synchro Professional	Synchro Ltd.	Planning & Scheduling	BIM for Delivery from concept to commissioning (versus BIM for Design or Facilities Operations); Integrated and collaborative 3d model based scheduling, budgeting/cost and supply chain management.	Schedule-driven site coordination	www.synchro ltd.com
Tekla Structures	Tekla	Construction Management	Tekla Structures for construction management is an information model-based software solution that supports contractors, sub-contractors, and project management professionals by helping them to centralize and visualize project data.	Structures is a very broad BIM offering from a structure-centric perspective	www.tekla.com
Vico Office	Vico Software	Multiple function	Vico Office allows GCs to combine BIMs from Revit, Tekla, ArchiCAD, CAD-Duct, and IFC files. The "whole model" (whatever its level of detail) can then be coordinated, scheduled and estimated	As the level of detail increases, the schedule and estimate become more precise.	www.vicosoftware.com

Software - Quantity Takeoff and Estimating Tools

Product Name	Manufacturer	BIM Use	Manufacturer's Description	Primary Function	Supplier Web Link
QTO	Autodesk	Quantity Takeoffs	With QTO, cost estimators can create synchronized comprehensive project views that combine information from Autodesk Revit applications	Generating takeoffs from multiple environments both 2D & 3D	www.autodesk.com
DProfiler	Beck Technology	Conceptual Estimates	The company's flagship program, called DProfiler™, integrates conceptual 3D modeling with cost estimating intelligence enabling project teams to evaluate more alternatives in less time with better clarity before moving into design development	Conceptual 3D modeling with cost estimating and life cycle operational costs forecasting	www.becktechnology.com
Visual Applications	Innovaya	Estimating	Innovaya Visual Quantification performs object quantity takeoff accurately, quickly, and intelligently from Autodesk's ADT/Revit	Extracting quantities and building estimates from ADT & Revit files	www.innovaya.com
Vico Takeoff Manager	Vico Software	Quantity Takeoffs	Vico Takeoff Manager™ generates quick and highly accurate model- and location-based quantity takeoffs derived from 3D models created with leading BIM authoring tools. Since quantity takeoff is a live view, newly published and activated model versions result in automatically updated quantities.	Quantity Takeoffs, feeding into estimating and scheduling	www.vicosoftware.com

BIM Software - Scheduling Tools

Product Name	Manufacturer	BIM Use	Manufacturer's Description	Primary Function	Supplier Web Link
Navisworks Simulate	Autodesk	Scheduling	Simulate allows the user to link popular project software with selected objects (or sets of objects) in the 3D model, then to simulate the project's progress.	Linking 3D model to popular project schedule applications (e.g. MS Project or Primavera)	www.autodesk.com
ProjectWise Navigator	Bentley	Scheduling	Schedule Simulator allows the linkage between the major project software and selected objects (or sets of objects) in the 3D model, then to simulate the project's progress	Linking 3D model to popular project schedule applications (e.g. MS Project or Primavera)	www.bentley.com
Visual Simulation	Innovaya	Scheduling	Visual Simulation makes it possible to link the Revit model with the leading project software, then to simulate the progress of the project	Linking 3D model to popular project schedule applications (e.g. MS Project or Primavera)	www.innovaya.com
Synchro Professional	Synchro	Scheduling	BIM for Delivery from concept to commissioning (versus BIM for Design or Facilities Operations); Integrated and collaborative 3d model based scheduling, budgeting/cost and supply chain management.	Bi-directional linking to popular project schedule applications (e.g. MS Project or Primavera)	www.synchro ltd.com
Tekla Structures	Tekla	Scheduling	It is a model based solution that supports contractors, sub-contractors and project management professionals by centralizing project data into a visual 3D and 4D context.	Schedule driven by link between model and project software	www.tekla.com

Vico Control	Vico Software	Scheduling	Using Control, planners can design significantly compressed schedules without increasing risk. The incorporation of locations, estimated quantities and productivity rates early in the planning phase yields clear, accurate, and feasible schedules	Schedule is scientifically derived from the resource-loaded, cost-loaded, location-based BIM	www.vicosoftware.com
--------------	---------------	------------	---	--	--

BIM Software - File Sharing & Collaboration Tools

Product Name	Manufacturer	BIM Use	Manufacturer's Description	Primary Focus	Supplier Web Link
Digital Exchange Server	ADEPT Project Delivery	File Sharing and Communication	A user friendly environment for file sharing which can be customized for each user/project. Allows setting of security/access levels and versioning of all model (or generic document) files.	Project-centric, auto-tracking, supports BIM protocol in collaborative process	www.adeptprojectdelivery.com
Buzzsaw	Autodesk	File Sharing	Autodesk Buzzsaw collaborative project management streamlines the way your project teams work together.	A repository for all project related documents and files.	www.autodesk.com
Constructware	Autodesk	Collaboration	Delivered on-demand, helps construction organizations standardize and optimize business processes and control costs	Web-based suite of management tools for construction projects	www.autodesk.com
ProjectDox	Avolve	File Sharing	A central repository for all project communication and documents	electronic plan submission, review, tracking and archiving	www.avolvesoftware.com
SharePoint	Microsoft	File Sharing, Storage, Management	Microsoft Office SharePoint Server is an integrated suite of server capabilities that can help improve organizational effectiveness by providing comprehensive content management and enterprise search, accelerating shared business processes, and facilitating information-sharing across boundaries for better business insight.	Web-based portal for file storage, management and sharing	www.microsoft.com
Project Center	Newforma	Project Information Management	environment for project managers and the project team by organizing technical project information, facilitating information sharing, and enabling more effective project process.	Enterprise level, self-hosted Project Information Management System	www.newforma.com
Doc Set Manager	Vico Software	Drawing Set Comparison	Doc Set Manager automatically collates and compares construction drawing sets. Users cloud changes and create RFIs.	Identifying changes between construction drawing sets	www.vicosoftware.com
FTP Sites	Generic Providers	File Sharing	Uploading and downloading of files, normally not a customized environment.	Web-based file sharing environment, limited security, limited flexibility	