

PRODUCT HIGHLIGHTS

Estimating and Project Management Software

AEC SOFTWARE

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Take charge of your projects! FastTrack Schedule 8 makes it easy to organize, track, and manage all your project details. Project plans come to life in colorful schedules that clearly communicate project status and goals to col-

leagues and clients. Whether you need to schedule a day's worth of activities or plan a multi-year project, FastTrack Schedule has the flexibility and power to work the way you do. With a bold new interface and a wealth of productivity features, the newest version of this award-winning project manager has all the tools you need to ensure project success.

With FastTrack Schedule 8 you can outline one or multiple projects, establish dependencies—even track the people, equipment and costs that are critical to project success. Display project details as vivid schedules, calendars, or resource graphs. FastTrack Schedule 8 also includes QuickStart templates, summary graphs, Critical Path highlighting, WBS, resource work calendars, legends, and FastSteps™ that automate repetitive steps and routine operations.

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Ballantine & Company's Smart Tools® Project Manager and QuickGantt® 4.0 software is designed to provide architects, engineers, contractors, consultants, managers and other professionals—who also use QuickBooks 2002 and 2003 products—with a tool to quickly and easily plan and budget projects or estimate and schedule client work and proposals. All project information, dates and costs are entered on a familiar worksheet. With a click, a presentation-quality Gantt chart schedule is plotted from this data.

Users can easily customize their Gantt charts and project reports. Data can be imported from and exported to spreadsheets, databases, or other project management software. A multi-user version is available so workgroups can share project files.



Smart Tools® Project Manager enables easy data exchange with Intuit's QuickBooks 2002 and 2003 software. From Smart Tools Project Manager, users can directly access the QuickBooks item list, which includes standard materials, labor and pricing.

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BillQuick is a flexible, easy to use, time-billing and project management software. It is scalable to any size organization as it utilizes both Microsoft Access and SQL server databases

to efficiently maintain employee, client and project information—including budgets and receivables. Unlimited billing rates can be assigned to any combination of employee, activity and client. It handles billing based on criteria such as time and materials, "hourly not to exceed," percent complete, and recurring bills. It also accommodates project phasing and billing against retainers. Invoices and reports are fully customizable, enabling BillQuick to meet the requirements of the most demanding clients. An entire series of add-on products are available to automate all aspects of time billing and project management. Including software for off-site consultants and satellite offices: time and expense recording, report generation and invoicing via the Web, email and PDAs. BillQuick integrates with QuickBooks 2002 and 2003.

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Structural Material Manager aids steel fabricators by reducing the time required to process material lists. It requires the operator only to enter the material items, and then automatically provides weights, surface areas, paint/primer requirements, bolt counts, shipping lists, esti-

imating reports and optimal cut-lists. The Estimating Module helps Structural Material Manager generate a fast, accurate bid. The user enters material prices, shop hours and field hours for each item, and this information is then automatically tallied into total material and labor costs. Once a job reaches production, the Production-Control Module lets the user produce master shipping lists and shipping tickets. It automatically tracks shipping information provides a concise summary so the user can view the job's status at a glance.

The Length-Nesting and Plate-Nesting Modules use mathematical techniques to find the most efficient method to cut a job's items from available stocks. The resulting cut-list can be used to estimate how much material must be procured for a job, or it can be sent directly to the shop as a cutting pattern.

Structural Material Manager also maintains an in-house inventory that allows an inventory dollar figure to be provided for accounting purposes. It also enables the Length-Nesting Module to utilize inventory lengths and add back any useful remnants that remain after cutting. The system can import material items from CAD systems, eliminating double-entry while allowing the package to produce optimum cut-lists, weight and cost estimates, etc. Visit www.steel-net.com/eje for a free demo CD.

FABTROL SYSTEMS

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FabTrol Version 8 is entering its 20th year as the industry standard for integrated steel fabrication management software. More than 700 fabrication companies rely on it to automate and integrate their estimating, drawing management, material planning, purchasing and receiving, stock control, production tracking, shipping, and other key operations.

FabTrol MRP, our new product, extends this functionality to serve companies with more sophisticated needs. Its integrated production management system offers automatic routing of parts and assemblies to the appropriate work areas; powerful tools for planning, prioritizing, and managing batches of assemblies for efficient fabrication; CNC exports in machine-specific formats; seamless integration with shipping management to ensure timely fabrication and delivery; and much more.

FabTrol MRP also provides advanced material management features, including support for material on order and user-modifiable nesting results, plus drawing imports using the emerging CIS/2 standard, optional support for Microsoft SQL Server® for database management, and more.

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Reputed since 1983 for their innovation, quality and experience, JOVACO Solutions is a Montreal-based software developer and Microsoft Business Solutions partner. JOVACO offers a wide range of products and services that help companies decrease operating and administrative costs.

JOVACO Project Suite is a project control solution designed to meet the needs, budget and growth of project and service-oriented firms. It is made of four modules—Project Control, Professional Invoicing, Procurement and Time & Expense—all seamlessly integrated with Small Business Manager and Great Plains from Microsoft Business Solutions. Project Suite allows users to measure cost based on budget, to track project evolution, to manage joint ventures with automatic distribution of inter-company/division revenue and expenses, to evaluate staff performance, and to reflect revenue recognition. Industries that can benefit from Project Suite are construction, engineering, architectural, marketing, and management, among others. Let Project Suite be the solution to your challenges.

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Milestones Professional 2002: Milestones Professional combines powerful project scheduling and tracking capabilities with ease of use. Create presentation-ready schedules, manage large projects, transform project schedules into presentation schedules, and more. Use OLE Automation to convert database information to presentation-quality schedules. Share schedules with colleagues who can use our free schedule viewer; or just copy and paste schedules to PowerPoint, Word, or Excel for presentation or distribution. Cost is \$229 per license.



Milestones Project Companion: Milestones Project Companion creates presentation-ready schedules directly from Microsoft Project files (Project must be installed), including finish-date milestone charts, condensed summary charts, resource to-do lists, earned value charts, stop-light charts, and more—the Wizard does all the work! Customize the schedules; share schedules using our free Viewer; publish schedules as HTML pages with graphics that viewers can click for “drill-down” details, and more. Cost is \$159 per license.

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3D Steel Modeling and Auto Drafting Software with Advanced Material Take-Offs. Application written in MS Access is running inside AutoCAD. This program could be a valuable tool for everyone involved in the steel construction: steel fabricators, estimators, detailers, structural engineers etc. Every time you make changes in your design, the program will update database and create the new structure with new data and updated reports.

Advanced Material Take-Offs (reports): steel cutting list, steel summary, plates, angles, bolts—shop, field and bolts summary.

Estimator can get all data necessary for bid (no ACAD experience needed!) within short period of time. On applying different materials you can prepare several alternative bid documents and choose the optimal one.

ON CENTER SOFTWARE

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On Center Software, Inc. was formed in 1988 by construction industry professionals to provide innovative software solutions. Quick Bid is a comprehensive estimating package that allows contractors to bid jobs quickly and accurately. With it, users can adjust labor, production rates and profitability. Users can track subcontractors, alternates and change orders, and generate and export detailed project reports.

On-Screen Takeoff is a revolutionary quantity takeoff software program. This product enhanced the conventional takeoff process using paper plans and a digitizer, and broke new ground by allowing the use of electronic images for the takeoff process. It also increased automation of the development of the takeoff list. Today it serves as the most advanced digital takeoff technology tool on the market.

PRIMAVERA SYSTEMS, INC.

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Founded in 1983, Primavera Systems, Inc., is a leading worldwide provider of project management, control and execution software and services. For the last 20 years, Primavera's innovative solutions have helped more than 40,000 companies around the globe achieve business success through project success. Primavera is headquartered in Philadelphia (Bala Cynwyd), with offices in Chicago, New Hampshire, San Francisco, Hong Kong and London.

Primavera's newest products for the construction industry include Expedition 9.0™ and P3e/c™ for Construction.

Primavera Expedition 9.0—Primavera's latest project control software is the first completely self-hosted, totally browser-based solution of its kind. It's an easy-to-use, multi-project control solution, providing job cost, change and accountability management. By using a totally browser-based interface, all project members can access critical real-time and accurate project information on demand.

P3e/c for Construction—A comprehensive, easy-to-use software for project professionals engaged in design and construction. Plan, analyze and schedule projects to achieve on-time, within budget completion. Mitigate project risk through powerful schedule analysis, accurate cost forecasting and streamlined coordination. Utilize project critical functionality such as construction graphics, project templates and standard reports.

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Construction Communicator (www.constructioncommunicator.com) is an online construction management system that automates the established contract-administration process. The Web-based application enables architects, engineers and contractors to post and view questions, answers and other information about time-critical issues (e.g. RFIs, CCDs); and enables the construction manager to view, coordinate and help resolve outstanding issues. Construction Communicator is targeted at mid-sized building projects, including design-build. This subscription service differs from most of the competition in its simplicity, ease of use and focus on time-critical information.

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Romac Computer Services has been furnishing software to the steel industry since 1982. Software products are available to handle the steel fabricator's estimating, bill of material, production control, inventory control, purchasing, and material nesting requirements. The single-user and networked systems are suitable for the smallest to largest structural steel and miscellaneous metals shops.

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We provide top quality steel detailing services and publish innovative software for custom steel design and detailing. ShapeBook 2.1 with 2D3DSteel 1.1 provides dimensional properties in fractional format and design properties for imperial or metric structural steel shapes. With 2D3DSteel 1.1, ShapeBook 2.1 is an AutoCAD (R14 & 2000 thru 2004) application you can use to add dimensionally accurate steel to your drawings. For detailers and engineers who know how to use the power of HP Graphing Calculators when working with design drawings, we offer SFT48 & SFT49 Feet and Inch Engineering tools, the ultimate tool for checking and using dimensional information on design drawings. Our oldest program, The Stair Calculator 2.0 is a comprehensive program for calculating or checking stair stringer dimensions. All of the dimensions required to detail and fabricate steel stair stringers are calculated, including hole locations, running dimensions, end cuts, and material lengths.

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SSC FabSuite is a new Windows re-write of a popular DOS fabrication-management software that has been widely used and highly regarded for the past 20 years. FabSuite is a suite of fabrication programs that includes: inventory control, estimating, combining (multi-ning & nesting), production control, purchase orders and order entry.

The estimating program uses a system of simple labor codes that add material and labor time for associated items. For example, a W-shape with the labor code "B" for clip angles at both ends will automatically add the appropriate



clip angles and calculate the labor time for handling the material, cutting, layout, fit-up, drilling, punching, welding, cleaning and painting. Default time values and labor codes are supplied and can be modified by the user to minimize the input and time required to arrive at an accurate estimate for any shop situation.