

AceCad Software Inc.

Phone: 610-280-9840
 Email: sales@strucad.com
 Web: www.acecadsoftware.com

Product: StruCad - StruMIS

Description: AceCad Software is a proven and leading IT software provider of structural supply chain solutions for Steel Building Structures in the Architectural, Engineering and Construction (AEC) market, and Plant Structures in the Process and Power markets.

ADAPT Corporation

Phone: 650-306-2400
 Email: info@adaptsoft.com
 Web: www.adaptsoft.com

Product: ADAPT Full Building Design Software
Description: ADAPT's new product combines the capabilities of detailed floor system design with the ability to model and analyze entire concrete structures – with or without post-tensioning. Engineers will eliminate countless hours of bi-directional information exchange between disparate software packages. Seamlessly analyzes Revit Structure models.

American Wood Council

Phone: 202-463-2766
 Email: info@awc.org
 Web: www.awc.org

Product: Online Calculators

Description: Performs calculations for ALL species and grades of commercially available softwood and hardwood lumber as found in the NDS 2005 Supplement. Joists and rafter spans for common loading conditions can be determined. A "span options" calculator allows selection of multiple species and grades for comparison purposes.

Applied Science International, LLC

Phone: 919-645-4090
 Email: tdigirolamo@appliedscienceint.com
 Web: www.appliedscienceint.com

Product: SteelSmart System

Description: SSS provides construction professionals with an essential tool engineered for both fast and accurate design, as well as the budgeting necessary for light steel framing. As a complete suite, SSS will streamline production through the design and detailing of members, connections, and fasteners. Exports drawings into AutoCAD format.

Bentley Systems

Phone: 800-236-8539
 Email: structural@bentley.com
 Web: www.bentley.com

Product: ProStructures

Description: Based on standard platforms, ProStructures easily allows structural engineers, detailers and fabricators to create 3D models for both concrete and steel. ProStructures provides automatic creation of documentation, details and schedules. The open working environment and programming interface supports standardization of the program.

Product: RAM Structural System V8i

Description: RAM Structural System V8i release 14.04 includes latest AISC 360-10 requirements, including Direct Analysis Method. New features also include hanging columns, Star Seismic Buckling Restrained Braces, SidePlate connection, RBS analysis and design. Compatible with ISM, providing interoperability with other Bentley structural design, drawing production and detailing products and Autodesk Revit.

Product: STAAD.Pro V8i

Description: STAAD.Pro V8i is a comprehensive and integrated finite element analysis and design offering, including a state-of-the-art user interface, visualization tools, and international design codes. It is capable of analyzing any structure exposed to static loading, a dynamic response, soil-structure interaction, wind, earthquake, and moving loads.

BimSoft

Phone: 514-731-0008
 Email: d.deschamps@strucsoftsolutions.com
 Web: www.bimsoftinc.com

Product: Limcon Version 3

Description: A powerful aid for the design of steel connections. A specific dialog box shows a diagram of the connection and offers logically grouped data input. All connection details including steel section, plate dimensions and grade, bolting configuration, and weld details are accessible through the dialog box.

CMC Steel Products

Phone: 972-772-0769
 Email: marketing@cmc.com
 Web: www.cmcsteelproducts.com

Product: RAM SBeam CMC SMARTBEAM® Version 5.0

Description: RAM SBeam-CMC SMARTBEAM is a powerful and versatile program for the design of castellated and cellular steel beams. Using one of several design codes, RAM SBeam-CMC SMARTBEAM can select the optimum SMARTBEAM size or check the adequacy of existing construction.

Computers & Structures, Inc.

Phone: 510-649-2200
 Email: info@csiberkeley.com
 Web: www.csiberkeley.com

Product: CSiBridge

Description: CSI is proud to release CSiBridge, a state-of-the-art software product for the structural and seismic analysis, design and rating of simple and complex bridges. All operations are integrated across a single user interface that provides an easy-to-use and intuitive workflow environment. Version 15.1.1 offers many enhanced features.

All Resource Guides and Updates for the 2012 Editorial Calendar are now available on the website, www.STRUCTUREmag.org. Listings are provided as a courtesy. STRUCTURE® magazine is not responsible for errors.

Concrete Masonry Association of CA and NV (CMACN)

Phone: 916-722-1700
 Email: info@cmacn.org
 Web: www.cmacn.org

Product: CMD09 Computer Program

Description: Structural design of reinforced concrete or clay hollow unit masonry elements. Designs in accordance with Ch. 21 of the 1997 UBC; 2001, 2007 or 2010 CBC; 2003, 2006 or 2009 IBC; and 1999, 2002, 2005 or 2008 Bldg. Code Requirements for Masonry Structures (TMS 402/ACI 530/ASCE 5) [MSJC].

CSC

Phone: 877-710-2053
 Email: melanie.maclaren@cscworld.com
 Web: www.cscworld.com

Product: Fastrak

Description: Fastrak v14 release includes AISC 360-2010 Design Code, RC bearing wall and shear wall design to ACI 318-08, spread footing design, and enhancements to seismic design tools. For BIM interoperability it also includes the new Revit Integrator and integration with Revit Structure 2012.

Decon® USA Inc.

Phone: 866-332-6687
 Email: frank@decon.ca
 Web: www.deconusa.com

Product: Jordahl Anchor Channels

Description: Decon USA is the exclusive representative of Jordahl in North American. Hot rolled Anchor Channels are embedded in concrete and used to securely transfer high loads. Their main application is for flexible connections of glazing panels to high-rise buildings. Contact us for our free design software.

Design Data

Phone: 402-441-4000
 Email: marnett@sds2.com
 Web: www.sds2.com

Product: SDS/2 Connect

Description: SDS/2 Connect is a plug-in into Autodesk® Revit® Structure that enables the use of SDS/2's automatic connection design within the Revit platform. The integration also streamlines the BIM workflow with new technology and interoperability, resulting in truly seamless transfers of Building Information Modeling (BIM) data.

Devco Software, Inc.

Phone: 541-426-5713
 Email: rob@devcosoftware.com
 Web: www.devcosoftware.com

Product: LGBEAMER v8

Description: Analyze and design cold-formed cee, channel and zee sections. Uniform, concentrated, partial span and axial loads. Single and multi-member designs. 2007 NASPEC (2009 IBC) compliant. Pro-Tools include shearwalls, framed openings, X-braces, joists and rafters.

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Digital Canal

Phone: 800-449-5033

Email: clint@digitalcanal.com

Web: www.digitalcanal.com

Product: Wind Analysis

Description: Complete automation of ASCE 7-05's wind provisions with an all new look and feel; Version 8 is a complete re-write using the latest Microsoft technologies. New features include a more modern interface, context-sensitive display of ASCE figures and reports in DOC, XLS and PDF format.

Dimensional Solutions, Inc.

Phone: 281-497-5991

Email: Info@DimSoln.com

Web: www.DimSoln.com

Product: DSAnchor

Description: DSAnchor makes it easy to complete computationally-intensive anchor design using Appendix D, ACI 318. With symmetrical and unsymmetrical anchor layouts on various concrete member layouts, DSAnchor computes individual and group anchor tension and shear capacities for cast-in and post-installed anchors in seconds. Download a free trial today.

Product: Foundation3D

Description: Foundation designs for plant equipment supports have never been easier! Use Foundation3D to complete soil and pile supported foundation designs for exchangers, vessels, drums, towers, silos, pipe racks, and similar equipment. Experience significantly enhanced productivity by reducing your design, drawing and 3D modeling time by over 50%.

Product: Mat3D

Description: Mat3D completes soil and pile supported mat/pile cap designs supporting multiple load points in an integrated environment that takes you from concept to construction in minutes. Enhance your productivity from input to construction drawings and 3D foundation modeling in popular CAD/modeling engines for industrial, commercial, petrochemical foundation design projects.

ENERCALC, INC.

Phone: 800-424-2252

Email: info@enercalc.com

Web: www.enercalc.com

Product: Structural Engineering Library Version 6

Description: For 28 years, ENERCALC's Structural Engineering Library has been serving engineers nationwide. Beams, columns, foundations, walls and frames in steel, wood, concrete & masonry. A large and ever expanding library of engineering modules.

GT STRUDL

Phone: 404-894-2260

Email: casec@ce.gatech.edu

Web: www.gtstrudl.gatech.edu

Product: GT STRUDL

Description: GT STRUDL Version 32 - Comprehensive linear and nonlinear static and dynamic analysis features for frame and finite element structures. Models plastic hinges,



geometric nonlinearities, discrete dampers, tension/compression only members and nonlinear connections. Steel Design including NEW Nuclear Codes and Reinforced Concrete Design. Base Plate Analysis and Multi-Processor Solvers available.

Hardy Frames, Inc.

Phone: 805-477-0793

Email: dlopp@mii.com

Web: www.hardyframe.com

Product: Hardy Frames

Description: Hardy Frames, Inc. manufactures and markets the revolutionary Hardy Frame shear wall system which includes pre-fabricated shear wall panels and moment frames. The Hardy Frame system allows Building Designers to economically and safely minimize wall space and maximize wall openings while resisting high wind and earthquake loads.

Hilti, Inc.

Phone: 800-879-8000

Email: us-sales@hilti.com

Web: www.us.hilti.com

Product: PROFIS Anchor and PROFIS DF

Description: Hilti offers two design programs for structural engineers. PROFIS Anchor performs anchor design for cast-in-place and Hilti post-installed anchors using ACI 318, Appendix D provisions. PROFIS DF Diaphragm performs design calculations for steel deck roof and floor diaphragms using the SDI Diaphragm Design Manual, 3rd Edition provisions.

IES, Inc.

Phone: 800-707-0816

Email: sales@iesweb.com

Web: www.iesweb.com

Product: Visual Foundation 3.0

Description: New in Version 3.0 of Visual Foundation are: modeling of circular and polygonal foundation boundaries and openings, copy/paste for model generation, user de-fined grid lines, custom pile stiffness for more accurate modeling, direct control over load combinations, wall and beam punching shear checks, and many more features.

Product: VisualAnalysis 9.0

Description: VisualAnalysis is an easy to use structural engineering software package that automates the design of steel, wood, concrete, cold-formed steel, and aluminum to the latest codes and specifications. VisualAnalysis has a modern and intuitive user interface that simplifies modeling, analysis, design, and reporting.

Losch Software Ltd

Phone: 323-592-3299

Email: info@loscheng.com

Web: www.LoschSoft.com

Product: LECWall

Description: Complete precast/prestressed concrete sandwich wall panel design and analysis, including handling.



MIDASoft Inc.

Phone: 212-835-1666

Email: midasoft@MidasUser.com

Web: www.MidasUser.com

Product: midasCivil

Description: Designs and rates composite steel & (spliced) precast girder bridges through 3-D stage analysis including curved, straight & flared multi-span alignments. midasCivil analyzes segmental bridges including balanced cantilever & incrementally launched bridges and cable stayed & suspension bridges. Nonlinear analyses include pushover, soil-structure interaction, dampers, isolators & fiber models.

National Concrete Masonry Association

Phone: 703-713-1900

Email: dgraber@ncma.org

Web: www.ncma.org

Product: Structural Masonry Design System

Description: New update Version 5.0.1 available. Free upgrade for Version 5.0 users. Designs concrete masonry and clay masonry according to 2008 MSJC and 2009 IBC and previous codes.

Nemetschek Scia

Phone: 877-808-7242

Email: usa@scia-online.com

Web: www.scia-online.com

Product: Scia Engineer

Description: New version – Plug analysis into your BIM workflows with Scia Engineer. Leverage models created by others into analysis and pass back optimized structural models for detailing and model coordination. Fast and efficient, is perfect for day-to-day work, and makes advance non-linear analysis, multi-material design not only feasible but cost effective.

Opti-Mate, Inc.

Phone: 610-530-9031

Email: optimate@enter.net

Web: www.opti-mate.com

Product: Bridge Engineering Software

Description: Software titles include: Merlin Dash for steel and prestressed concrete girders, Descus I and Descus II for curved steel I- and box girders, SABRE for signs and TRAP for truss bridges.

Pile Dynamics, Inc.

Phone: 216-831-6131

Email: gina@pile.com

Web: www.pile.com/pdi

Product: GRLWEAP Software

Description: GRLWEAP simulates pile driving, predicting driving stresses, hammer performance, bearing capacity versus net set per blow relationship, and total driving time. Allows selecting an adequate and economic hammer for the pile-soil condition. Based on Wave Equation Analysis. New: GRLWEAP Offshore Wave Version with special modeling features for offshore projects.

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POSTEN Engineering Systems

Phone: 510-275-4750
 Email: sales@postensoft.com
 Web: www.postensoft.com

Product: POSTEN Multistory

Description: The most efficient & comprehensive post-tensioned concrete software in the world that, not only automatically designs the tendons, drapes, & even columns for you, but also produces highly efficient, cost saving, sustainable designs with automatic documentation of material savings for LEED. No guessing, no fiddling, no time wasting.

Powers Fasteners

Phone: 985-807-6666
 Email: enzenor@powers.com
 Web: www.powers.com



Product: ACI 318 Appendix D Anchor Software
Description: Powers Design Assist (PDA) is a real-time anchor design software program, which includes options for seismic analysis. By utilizing this free software package, Engineers can design using any Powers Fasteners mechanical and adhesive anchors qualified for use with ACI 318 Appendix D. Includes normal weight, lightweight concrete, and concrete-filled metal deck.

RISA Technologies

Phone: 949-951-5815
 Email: info@risatech.com
 Web: www.risa.com



Product: RISAFloor

Description: RISAFloor designs and optimizes building systems constructed of steel (composite and noncomposite), concrete, wood and CFS, as well as combinations of materials. Automatic live load reduction, additive or exclusive floor area loads, vibration calculations and more make RISAFloor the first choice for the design of all types of building systems.

S-Frame Software

Phone: 203-421-4800
 Email: info@s-frame.com
 Web: www.s-frame.com



Product: S-CONCRETE™

Description: Highly interactive section analysis, design and detailing tool for reinforced concrete beams, columns and walls to multiple design codes (ACI, CSA, BS, UBC). Generates axial load-moment interaction and moment-curvature diagrams with pre-stressing strands. Performs earthquake resistant design and detailing including boundary elements for shear walls. Free 30-day trial.

Product: S-FRAME®

Description: Easy-to-use structural modeling and analysis environment for frames, trusses, bridges, office and residential high-rises, industrial buildings, plate/shell structures, and cable structures for seismic analysis, staged construction, slab design, Direct Analysis Method, linear and nonlinear static and time history analyses, moving load analysis, buckling load evaluation and more.

Product: S-PAD™

Description: Entry-level steel member design and optimization application that incorporates a simple spreadsheet-like interface to advanced code-checking capabilities and auto-design to multiple design codes (AISC, CSA, EU, BS) for both strength and serviceability of columns, beams, and braces without the need to build a complete detailed model. Free 30-day trial.

Strand7 Pty Ltd

Phone: 252-504-2282
 Email: anne@beaufort-analysis.com
 Web: www.strand7.com



Product: Strand7

Description: An advanced, general purpose, FEA system used worldwide by engineers, designers, and analysts for a wide range of structural analysis applications. It comprises preprocessing, solvers (include linear and nonlinear static and dynamic capabilities...) and postprocessing. New features include staged construction, new solvers including quasi-static for shrinkage and creep/relaxation problems.

StrucSoft Solutions

Phone: 514-731-0008
 Email: d.deschamps@strucsoftsolutions.com
 Web: www.strucsoftsolutions.com



Product: MWF Professional

Description: A wood/light gauge metal framing solution that automates stud layout, shop floor drawing production, and manufacturing in the Revit BIM environment. This rules based and template driven application recognizes Revit walls, floors, doors, windows and openings. Automatically generates stud arrangements, shop drawings, Cut List and CNC output.

Structural Calc, LLC

Phone: 805-995-1300
 Email: support@lateralpro.com
 Web: www.lateralpro.com

Product: LatPro Software

Description: Lateral engineering software for light-framed buildings using 2009 IBC. Easy to use software which helps you specify shear walls, connectors and posts. Many built-in safety checks to improve accuracy.

Structural Soft, LLC

Phone: 650-813-9500
 Email: contact@structuralsoft.com
 Web: www.structuralsoft.com

Product: BuildingWorx 2011

Description: The most comprehensive whole house structural design platform in the market specifically for wood construction. Allows both gravity and lateral systems design as complete load path in a single model. Import CAD architectural plans, export complete calculations, engineering layouts and schedules to CAD or PDF. Updated for IBC 2009 building codes.

STRUCTUREPOINT



Phone: 847-966-4357
 Email: info@structurepoint.org
 Web: www.StructurePoint.org

Product: Concrete Design Software

Description: Analysis and design programs for reinforced concrete buildings and structures. spBeam, spSlab, spColumn, spWall and spMats were formerly developed by PCA, and are updated, supported and maintained by StructurePoint.

Struware, LLC

Phone: 904-302-6727
 Email: email@struware.com
 Web: www.struware.com



Product: Struware Code Search

Description: Struware's Code Search program has been updated to include ASCE 7-10 and the 2012 IBC. It calculates all pertinent wind, seismic, snow, live and dead loads in just minutes for all IBC versions and related ASCE 7 codes. Other programs and demos available on website.

Tekla

Phone: 770-426-5105
 Email: info.us@tekla.com
 Web: www.tekla.com

Product: Tekla Structures

Description: Structural engineers use Tekla Structures to widen their role in building projects, increasing value by moving to construction-oriented structural engineering. Tekla BIM offers more services for the other disciplines in a project, such as contractors, to support the whole design-to-construction process. Tekla Structures interfaces with popular architectural and analysis software.

Weyerhaeuser

Phone: 888-453-8358
 Email: ilevel@weyerhaeuser.com
 Web: www.weyerhaeuser.com

Product: iLevel® Forte™ 2011 software

Description: FORTE software is a powerful tool for sizing wood joists, headers, beams, wall studs and columns. Used by more than 10,000 building professionals, users prefer Forte software for its ease of use, ability to quickly compare alternatives, and export capabilities. Free copy available on website.

WoodWorks Software

Phone: 800-844-1275
 Email: sales@woodworks-software.com
 Web: www.woodworks-software.com

Product: WoodWorks® Design Office 9

Description: WoodWorks Wood Engineering software: Conforms to IBC 2009, ASCE7-05, NDS 2005, SDPWS 2008; SHEARWALLS: designs perforated and segmented shearwalls; generates loads; rigid and flexible diaphragm distribution methods. SIZER: designs beams, columns, studs, joists up to 6 spans; automatic load patterning. CONNECTIONS: Wood to: wood, steel or concrete. Canadian version available.