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ADAPT Corporation **New ADAPT-Builder v3 Release** The new release of the ADAPT-Builder suite, v3, features new capabilities for the advanced analysis and design of reinforced concrete slab and foundation systems. New features include: cracked deflection analysis, design options for waffle and pan-joint systems, and fully dynamic rebar design and layout. ADAPT-Builder Suite programs include ADAPT-Floor Pro and MAT.



ATIR Engineering Software **STRAP Version 12.5** has a new Posttensioning module, enabling the user to define certain concrete beams as posttensioned and also to define tension cables for slabs. Analysis and design are per ACI, AASHTO, CSA, Eurocode, BS 8110, BS 5400, or IS 466. For more information: www.atir.com, strap@atir.com, or (847) 677-1945.

Autodesk, Inc. **Revit Structure** is the Autodesk building information modeling (BIM) solution for structural engineers, designers and drafters – providing a more efficient way of working using integrated modeling for structural design, analysis, coordination, and documentation. Experience a better way of working with Revit Structure.

Bentley System, Inc. With the addition of **ProSteel3D**, Bentley completes the workflow of structural solutions for analysis, design, documentation and detailing. ProSteel3D is a structural steel design and detailing solution with direct links to CNC Equipment. The press release is located at <http://www.bentley.com/en-US/Corporate/News/>.



Bluebeam Software, Inc. **Bluebeam PDF Revu** makes it easy to share and review designs and documents in the neutral PDF format. Convert CAD, Office and Windows files to PDF, and view, markup or edit PDF files. 30-day trial available online. www.bluebeam.com.

BQE Software Inc. **BillQuick** efficiently manages employee, client and project information – including Document Management, Budgets, Gantt charts, WIP & Receivables. BillQuick allows unlimited billing rates for employees, tasks and projects. Invoice based on T&M, Fixed Fee, Percent Complete and Recurring.

CADRE Analytic **CADRE Pro 5** is designed to be an easy-to-use finite element structural analysis tool. The new version CADRE Pro 5.1 was released in January 2007 updated for Windows Vista capability as well as updated to incorporate enhanced Windows XP features. Free evaluation download available.

Cascade Consulting Associates, Inc. **StruCalc 7.0** StruCalc's ten modules can be used to design beams, columns, joists, rafters and footings as well as multi-span hip beams and laterally loaded studs. StruCalc can design solid sawn lumber, steel, tube steel, glulams, I-joists, flitch beams, and structural composite lumber. Includes the new 2006 IBC and 2005 NDS code values. Only \$495.

CSI releases **SAP2000 v11**. Advancements made to every aspect of the program, including new graphics & solvers: Added GUI in OpenGL (including Drawing/Drafting) • New API added • Improved Area Object Meshing • Enhanced Bridge Wizard • Easier Variable Section Assignment for Bridges • Updated ACI, AISC, IBC & Canadian Steel/Concrete Design Codes for their most current versions.



CSC Inc **TEDDS calculation pad** is THE productivity tool for daily repetitive calcs. TEDDS replaces hand calcs and is a standard tool for engineers worldwide. TEDDS has a comprehensive and ever-expanding library of civil/structural engineering calcs. Visit www.cscworld.com for a free trial version of TEDDS.

Daystar Software, Inc. **Multiframe** is a fully graphical structural design and analysis software for 2D and 3D modeling. The latest update includes over 20 enhancements. Chief among these is the addition of buckling analysis, results enveloping and improvements in OpenGL rendering.

Digital Canal Corporation **2007 Frame Analysis and Design** is the only structural engineering software completely integrated into AutoCAD 2007. Key features include advanced elements, integrated steel and spread footing design and much more! Download a free trial of our Vista-ready structural software library today!

DIMENSIONAL SOLUTIONS **FOUNDATION DESIGN SOFTWARE** Dimensional Solutions foundation design suite now supports international codes such as Euro code EN 1992, Indian code IS 456, Singapore Code CP 65 in addition to other domestic and international codes currently included in our foundation design solutions. Download a free, 30-day trial version from www.dimsoln.com.



Extreme Loading® for Structures: With its nonlinear static and dynamic analysis, advanced graphical output, simulations, internal force diagrams, cracking, progressive collapse, and intuitive user-interface... Extreme Loading® for Structures fills the gap between simplified and research-oriented structural analysis software making it possible for engineers to provide unprecedented insight into the behavior of structures. www.extremeloading.com

FloorVibe is Windows based software for the analysis of floor vibrations. Analyses for walking and rhythmic excitations and for effects on sensitive equipment are based on AISC DG11. Data bases for hot-rolled sections, and castalated beams and design procedures for joists. www.FloorVibe.com.

Georgia Tech - CASE Center **GT STRUDL Version 29** - NEW release from the Georgia Tech-CASE Center. Enhanced version includes extremely fast static and dynamic analysis solvers. GT STRUDL V29 includes: Base Isolation and Plastic Hinge features, Nonlinear Dynamic Analysis, Mirroring and Extruding of Models, and numerous other analysis, design and interface enhancements.



Hilti, Inc. **Hilti PROFIS Anchor** PROFIS, the most complete anchor design program available, is free to download. Supports allowable stress design (ASD) and strength design according to ACI-318-02 Appendix D of mechanical and adhesive Hilti anchors with ICC-ES reports for cracked concrete and seismic applications. Online updates guarantee immediate availability of new reports.



Integrated Structural Software, Inc.: **ROBOT Millennium®v20** integrates simple & advanced analysis/design FEM software with auto-meshing. Powerful, dedicated to steel and concrete codes design [ASD 89/LRFD 2000, CSA-S16.1-94/01, TIA/EIA-222F, ACI-318-99/02, CSA A23.1-94]. Integrated with the Autodesk® Revit® Structures. Contact: info@robot-structures.com, www.robot-structures.com 888-477-8491.

King and Associates LLC **SPACE GASS** SPACE GASS has been updated to version 10.4. It is a graphical based 3D structural analysis and design program with features such as moving loads, shape builder, optimizer, static, dynamic, response and buckling analysis, etc. Free loan copy available from www.spacegass.com/msc.asp.



LARSA 4D: Large Structure Analysis and Design Version 7.2 for 2007. This year innovation continues for LARSA 4D, now the first general purpose structural analysis and design package to support composite member construction and a deeply integrated macro extension system. Other advances include new bridge design codes.

LUSAS LUSAS Bridge / LUSAS Civil & Structural LUSAS provides analysis software for the cost-effective and efficient design of all types of bridges and structures. All types of fundamental frequency, seismic, dynamic, nonlinear, buckling, fatigue, staged construction, modelling of creep, prestress / post-tensioning and curved girder analysis can be undertaken. Loading is mesh independent and a vehicle-load optimisation.

MDX Software **Curved & Straight Steel Bridge Design & Rating** The MDX Software Curved & Straight Steel Bridge Design & Rating package for designing and rating steel girder bridges has been updated in accordance with the 2007 (4th Edition) AASHTO LRFD Specifications.

MIDAS-DIANA - **midas Civil** - midas Civil, bridge engineering dedicated software, analyzes and designs all types of 3-D Bridges accounting for construction stages and time dependent materials (creep, shrinkage, concrete modulus & tension losses in tendons). It covers skewed and curved steel and PC composite girder, slab, frame, culvert, segmental post-tensioned, suspension and cable stayed bridges.

National Concrete Masonry Association - **Masonry Software - Masonry Structural Design System Version 4.0** released in July 2006 is an update of NCMA Masonry Wall Design Software 3.1. Includes clay masonry design and updates for IBC 2003 and MSJC 2005. Version 4.1 update to 2006 IBC available spring 2007. Purchase by download at www.ncma.org or call 703-713-1900.

Omnitech Associates **DESCON Steel Connection Design Software DESCONWIN** designs shear and moment connections to column flange, column web, girder, and HSS columns, and beam and column splices. **DESCONBRACE** designs Diagonal, Chevron, K, and Knee Brace connections. Both programs generate detailed calculation reports, drawings, DXF files. ASD and LRFD versions available in metric and imperial units.



Opti-Mate, Inc. **Bridge Software** Merlin Dash LRFD, Descus I and II or TRAP for analysis, design or rating of straight or horizontally curved plate girder, box girder or truss bridges. Code checks are performed using the AASHTO WSD, LFD and LRFD specifications. User defined live loads can be investigated.

POSTEN Engineering Systems **POSTEN Engineering Systems New Version - POSTEN + CAD**, New features Greatly simplify & streamline the Post-tensioned design process Like No Other. PLUS an Extensive CADD Library, Post-tensioned & Reinforced Concrete Design has never been So Easy & Comprehensive. Extend your Capabilities with TiltUP + CAD. POWER & CAPABILITIES LIKE NO OTHER. www.postensoft.com.

Retain Pro Software **Retain Pro 2007** New features in Retain Pro 2007 include segmental retaining walls, both gravity and MSE; LRFD option for masonry; quick-solve equation menu; and more. For a limited time all orders include new 7th edition of Basics of Retaining Wall Design (regular: \$65). For pricing, demo, and more info visit www.retainpro.com. 800-422-2251.

RISA Technologies - **RISAFloor Version 3 - RISAFloor** designs and optimizes building systems for hot rolled steel, cold formed steel, steel products, wood, wood products, and concrete. Version 3 adds support for AISC 13th and full compatibility with Autodesk Revit Structure Version 4 and the CIS/2 standard.



Steel Smart System® is a comprehensively designed software for light gauge (cold-formed) steel structural components. Size curtain walls, load bearing walls, framing openings, floor joists, and roof systems with SSMA to comply with numerous building codes when using TSN sections and clips. Coming soon: Light Gauge Truss Design. www.steelnetwork.com.



Strand7 Pty Ltd **Strand7** - a sensibly priced finite element analysis system used extensively for civil, structural, mechanical and transportation engineering. It's Windows native and comprises fully integrated pre-processing (including CAD import and auto-meshing), solvers (static, dynamic, heat transfer, linear, non-linear) and post-processing functionality. www.strand7.com.

Structural Design Software Solutions Inc. **ANSYS/CivilFEM®v11** - powerful FEM software powered by ISO certified ANSYS for all types of advanced civil engineering analysis and design; bridge, geotechnical, advanced concrete.



ROBOT Millennium® v20 - analysis/design FEM w/auto-meshing. Steel and concrete codes [AISC ASD, LRFD, CSA, TIA/EIA-222F, ACI-318-99/02]. Integrated with the Autodesk® Revit® Structures. Contact: 905-681-2166, info@sdss.biz, www.sdss.biz.

Tekla, Inc. **Tekla Structures** provides a 3D collaboration tool allowing engineering firms to model and manage multi-material structural systems from conceptual design through construction. Models can be exported to the analysis engine of choice and re-imported for automated construction drawing creation.



WoodWorks Software for Wood Design **WoodWorks®** - produced with technical guidance from the American Wood Council of the American Forest & Paper Association. Quickly design light-frame or heavy timber structures based on the AF&PA's National Design Specifications® (NDS®) for Wood Construction.