

implement the strict performance guidelines developed during the CAD era.

## Conclusion

The decision to implement BIM at your firm is not one to be taken lightly. You will need to make the transition if you are to remain competitive in the AEC industry. Either your clients will be demanding that you make the change, or the projects that you typically bid on will require BIM as part of the contract. As with any new technology,

there will be resistance to the change and trepidation at the disruptive nature of your production process. Though the process will not be easy, you can take several steps to reduce your risks as you embark on the implementation and on-going use of BIM. Most of these steps are simple common sense, such as defining and knowing your scope, managing the expectations of your client, developing a properly trained staff, make use of standard BIM agreements, and getting the advice of an attorney for projects requiring

BIM. For more information on building information modeling, please visit [www.seibim.org](http://www.seibim.org) for useful links and documents. ■

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# 2010 ENGINEERED WOOD PRODUCTS GUIDE

a definitive listing of wood product manufacturers and their product lines

Company	Product	Description	
<b>American Wood Council</b> Phone: 202-463-2766 Email: <a href="mailto:awcinfo@afandpa.org">awcinfo@afandpa.org</a> Web: <a href="http://www.awc.org">www.awc.org</a>	Codes and Standards	AWC develops internationally recognized building codes and standards for engineered wood products.	Associations
<b>Southern Pine Council</b> Phone: 504-443-4464 Email: <a href="mailto:info@southernpine.com">info@southernpine.com</a> Web: <a href="http://www.southernpine.com">www.southernpine.com</a>	Glued Laminated Lumber	The Southern Pine Council (SPC) is a joint promotional body supported by members of the Southern Forest Products Association (SFPA) and the Southeastern Lumber Manufacturers Association (SLMA). Both associations represent manufacturers of Southern Pine lumber. SPC is the leading source of information about Southern Pine products for design/build professionals.	
<b>WoodWorks Software</b> Phone: 800-844-1275 Email: <a href="mailto:sales@woodworks-software.com">sales@woodworks-software.com</a> Web: <a href="http://www.woodworks-software.com">www.woodworks-software.com</a>	 WoodWorks® Software	WoodWorks® – produced by the Canadian Wood Council with technical guidance from the American Wood Council of the American Forest & Paper Association. Quickly design light-frame or heavy timber structures based on 2005 edition of the AF&PA's National Design Specification® (NDS®) for Wood Construction.	
<b>Simpson Strong-Tie</b> Phone: 925-560-9000 Email: <a href="mailto:web@strongtie.com">web@strongtie.com</a> Web: <a href="http://www.strongtie.com">www.strongtie.com</a>	 VTCR Valley Truss Clip	Simpson Strong-Tie introduces the VTCR connector for valley trusses. It quickly installs on top of roof sheathing into framing with either nails or screws for higher uplift loads. The VTCR conveniently installs from one side, uses fewer fasteners than the VTC2 and is designed for new construction or retrofit applications.	Connectors
<b>Anthony Forest Products Company</b> Phone: 870-862-3414 Email: <a href="mailto:info@anthonyforest.com">info@anthonyforest.com</a> Web: <a href="http://www.anthonyforest.com">www.anthonyforest.com</a>	 Power Preserved Glulam Beams™ and Columns™	Stock Power Preserved Glulam beams and columns treated with Hoover Cop-Guard and covered by 25 year warranty.	Engineered Lumber
	Stock 24F Glulam	24F Stock Glulam for residential and light commercial construction.	
<b>Bentley Systems</b> Phone: 800-236-8539 Email: <a href="mailto:structural@bentley.com">structural@bentley.com</a> Web: <a href="http://www.bentley.com/Structural">www.bentley.com/Structural</a>	STAAD Pro and RAM Elements	STAAD.Pro supports AITC 1984 or 1994, CSA086-01 or EurocodeEC5, 1995-1-1:2004 codes; extensive database of standard sections from the AITC and Canadian suppliers. RAM Elements supports design per the latest NDS (2005) code (ASD and LRFD) and allows for optimization of members; comprehensive database of sawn lumber and glulam sections.	
<b>Cascade Consulting Associates, Inc.</b> Phone: 800-279-1353 Email: <a href="mailto:sales@strucalc.com">sales@strucalc.com</a> Web: <a href="http://www.strucalc.com">www.strucalc.com</a>	StruCalc™ 8.0 for Windows	Software solution for the design and analysis of beams, columns, joists, rafters and footings using solid sawn lumber, steel and tube steel, structural composite, glulams, flitch beams, and I-joists. Includes full AISD 13 <sup>th</sup> Edition Steel Calculations, hip beams, stud walls, and many other exciting features.	
<b>Hoover Treated Wood Products, Inc.</b> Phone: 800-531-5558 Email: <a href="mailto:marketing@frtw.com">marketing@frtw.com</a> Web: <a href="http://www.frtw.com">www.frtw.com</a>	 Exterior Fire-X®	Exterior Fire-X: Exterior fire retardant treated lumber and plywood tested in accordance with ASTM E-84.	
	PYRO-GUARD®	PYRO-GUARD: Interior fire retardant treated lumber and plywood, tested in accordance with ASTM E-84.	
<b>iLevel by Weyerhaeuser</b> Phone: 888-453-8358 Email: <a href="mailto:ilevel@weyerhaeuser.com">ilevel@weyerhaeuser.com</a> Web: <a href="http://www.iLevel.com">www.iLevel.com</a>	iLevel Shear Brace	A prefabricated, engineered wood panel with more predictable and consistent performance than site-built shear walls, the iLevel Shear Brace has high allowable loads at narrow widths of 12" and 24". It can be used in multi-story applications and can be field trimmed for custom heights.	
<b>RISA Technologies</b> Phone: 949-951-5815 Email: <a href="mailto:info@risatech.com">info@risatech.com</a> Web: <a href="http://www.risa.com">www.risa.com</a>	 RISAFloor	RISAFloor and RISA-3D for wood design – Create 3D models of your entire structure and get full design of wood walls (with and without openings), flexible wood diaphragms, dimension lumber, glulams, parallams, LVLs, joists and more. Custom databases for species, hold-downs and panel nailing offer total flexibility.	
<b>Southern Pine Council</b>	See above information		
<b>TrimJoist Corporation</b> Phone: 800-844-8281 Email: <a href="mailto:marty.hawkins@trimjoist.com">marty.hawkins@trimjoist.com</a> Web: <a href="http://www.trimjoist.com">www.trimjoist.com</a>	TrimJoist™	TrimJoist is the combination of an open web floor truss and a trimmable wood-I-joist, bringing the best features of each together to form a trimmable floor truss. As the name indicates, it can be trimmed on the construction site for a custom fit.	
<b>Universal Forest Products</b> Phone: 574-532-6102 Email: <a href="mailto:dskill@ufpi.com">dskill@ufpi.com</a> Web: <a href="http://www.ufpi.com">www.ufpi.com</a>	Open Joist™	Speed of installation and superior load-bearing strength have made Open Joist™ a preferred choice for building designs that require longer joist spans or wider joist spacing and reduced framing costs. Open Joist features an open web design for quick and easy installation of mechanical systems.	
<b>Wheeler</b> Phone: 800-328-3986 Email: <a href="mailto:info@wheeler-con.com">info@wheeler-con.com</a> Web: <a href="http://www.wheeler-con.com">www.wheeler-con.com</a>	Timber Bridges	Wheeler specializes in the design and supply of custom engineered timber bridges for recreation and vehicular applications.	

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