

## 3D CAD/CAM Software

### Can something that seems so complex actually simplify your business?

We know it can, but why believe us? Well, because our clients can confirm that it is true.

- Their businesses have become more efficient, with less waste and more profit.
- They are leaders in their fields, because they have embraced the technology that has been able to simplify their design and production processes.
- And eliminating errors can create a more enjoyable and satisfying work environment.



SIP design by SureTight

Yes, the initial cost can seem high,  
but the rewards for your investment begin immediately  
and with our new VERSION 8, there are even greater benefits.

## 8 Recent Quotes from **Dietrich's** Clients

**PorterCorp**, located in Michigan, is a design, engineering and manufacturing company focusing on exterior structures and insulated building envelopes. In early 2008, the design team, under the supervision of Tim Van Hoeven, began working with Dietrich's software.

Dietrich's has proven itself to be solid design software that really delivers as promised. We started using the software in June 2008 and in the last nine months two designers have completed over 127 projects. ...The purchase of Dietrich's software has been a great decision for Porter Corp and we are looking forward to even greater success with them in the future.

Tim Van Hoeven  
SIP Drafting Supervisor  
**PorterCorp**  
timvan@portercorp.com  
<http://WWW.PORTERCORP.COM>



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Christoph Friedlos completed his carpentry training in Switzerland and now operates **swiss carpentry inc.** in British Columbia. In 2005, Christoph began to use Dietrich's to design structures that are cut on his Kruesi CNC machine.

Dietrich's has been my support now for four years. I have always been able to count on this software and the team behind it. Dietrich's guarantees highest quality standards, which reflects in my work ethic and the product of my team. I have not yet encountered an even remotely comparable software, which is capable of handling the interface with my CNC machine. ...

Christoph Friedlos  
President  
**Swiss Carpentry Inc.**  
chris@swisscarpentry.com  
<http://www.swisscarpentry.com>



In early 2007, Tim McKissic of **Advance Framing Material** decided to run his RazorGage saw with the Dietrich's CNC post processor. The shop, located in Mississippi, has created pre-fabricated wall panels for custom home builders for twenty years. Assembly of the walls is done on a framing table and then the pre-fabricated walls are shipped to the building site for erection.

Dietrich's design software has made a significant improvement to our wall panel operation. ... After two years of working with Dietrich's, their service and dedication has proven to be excellent, and I'm certain we made the right choice as it has made our work easier, while also increasing quality and efficiency.

Tim McKissic  
President  
**Advance Framing Material**  
afm1@bellsouth.net



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Excerpt from **Automated Builder** June 2008 by Chris J. Butler, Managing Editor

## **SureTight Insulated Panel Systems Boosts Production with Dietrich's Software and Hundegger PBA Panel Saw**

According to Schmucker, in combination with the Hundegger PBA the decision to move to Dietrich's increased productivity three- to four-fold overnight. Panel drawings using the software alone were produced up to twice as fast as the previous two-dimensional CAD system.

Transition to the new Dietrich's system also proved painless for SureTight. "The transition was seamless," recounts Preston. "We've been told that when there is a problem changing to a new saw it's usually with the software. The Hundegger saw and Dietrich's worked together beautifully from the start."

But Schmucker was even more convinced: "From a CNC investment, had I known what a powerful tool the Dietrich's software was we would have done this long ago."

Jim Schmucker  
VP Production  
**SureTight Insulated Panel Corporation**  
jim@suretight.com  
<http://www.suretight.com>



In 2003, **Trillium Dell Timberworks** in Illinois became a client. TD remains one of the largest timber frame shops in the Midwest to continue the tradition of handcrafted mortise and tenon joinery in building unique timber frame homes, trusses, commercial structures, architectural timber elements, historic restorations, and replication of notable buildings.

Off the shelf, Dietrich's transformed our operation and increased our ability to integrate all aspects of our operation efficiently. ... Dietrich's is hugely beneficial in saving time and money. ... We're proud to offer our clients in-house design services for their custom timber frame projects, utilizing Dietrich's software.

Rick Collins  
President  
**Trillium Dell Timberworks**  
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<http://www.trilliumdell.com>



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Pennsylvania architect, Don Breimhurst of **Home Field Advantage, Ltd.**, began designing unique log and timber frame homes and commercial buildings with Dietrich's software in 2004. Don recently wrote, "I am always happy to endorse Dietrich's. Here's an example of how the software works for me."

Yesterday I presented the progress Building Permit drawings for the Blair Winery to the building officials and they were impressed by the ability of the software to convey both the Architectural intent of the project, as well as the details and lists of materials. ... The Building Information Modeling (BIM) software, which Dietrich's is, really enables close collaboration with the structural design consultant.

Don Breimhurst  
President  
**Home Field Advantage Ltd.**  
hfaltd@msn.com  
<http://www.home-field-advantage.com>



In 2006, engineer Joe Miller of **JFM Designs** purchased our software. Joe is currently completing his Doctorate in heavy timber construction at the Michigan Technological University. Here's how Joe describes working with Dietrich's 3D software:

...  
Structural analysis is also a cinch with Dietrich's. Creating an accurate wireframe model is important to capture the behavior of the structure. Unlike most other software programs that just generate centerline drawings for each member, Dietrich's takes things to the next level. Wireframe models are generated with connections at each node, members in a bent adjusted to a single plane, and the like. It may not seem like much, but this is a huge timesaver that also eliminates a lot of easy modeling errors.

Joe Miller  
MSCE, EIT  
**JFM Design**  
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<http://www.jfmdesign.net>



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It was 2004 when log and timber frame builder John Boys of **Nicola LogWorks** in British Columbia became a Dietrich's user.

Why Dietrich's? This software has transformed the way we do business: The unique ability to design joinery and problem solve in 3D has greatly expanded our capabilities, increased our productivity and dramatically boosted quality control. It is also a powerful marketing and pricing tool. ... We feel they are a committed partner in our business. Our bottom line looks great and we are smokin' busy in the midst of this down turn – Dietrich's is a key ingredient to that success.

John Boys  
President  
**Nicola LogWorks**  
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<http://www.logworks.ca>

