



## WHY CHOOSE 3DSMART?

### Benefits and Advantages For Your Company

3DSMART is designed to facilitate the creation of efficient, accurate 3D models more quickly and easily than you ever thought possible. As a multidimensional 3D design solution, 3DSMART combines the most advanced technology with incredible efficiency, increased productivity and surprising affordability. Designed for ease of use, 3DSMART's diverse functionality enables you to regularly complete projects on time and on budget. Simply put, 3DSMART is the smartest, easiest way to do the complex job of 3D plant design.

#### **Database Powered**

3DSMART is data-centric, which means that anytime a component is placed in your model it's automatically stored in the database as well. Using SQL Server or SQL Server Express 2005, this database integration allows the software to store the bulk of the data in the database while providing external repository for easy access and a safeguard in case an AutoCAD drawing is lost or damaged. Another main advantage of storing data in the database is that it's available to all departments involved in the project to query the database and generate reports. When using the SQL Server you enjoy the added benefit of a seamless, cohesive work environment in which departments are able to share information effortlessly.

Here are some of the features which make 3DSMART a great tool for enhancing all aspects of productivity:

- **Cost effective solution.** With 3DSMART, exponentially increases productivity. The software's ROI (Return On Investment) is very quick and can be achieved in as little time as 6 months.
- **Training tailored to each customer** available over the web or at customer site. We offer timetables for training to suit your company's schedules.
- **Excellent service and support.** PROCAD prides itself on its customer support. It is our mission to ensure your company is getting maximum benefits from the software's comprehensive and robust functionality.

- Ease of use—A clear, user-friendly interface includes on-line help and informative on-screen messages. An intuitive program, 3DSMART automatically checks for mistakes ensuring a high level of accuracy in your work.
- Easy installation and flexible licensing—Install 3DSMART on a network or individual workstations and only pay for the licensing options you require. Our technicians will make sure you have all the support you need to get up and running with confidence.
- Project management tools—Organize project settings and data effortlessly with Project Manager. Project coordinators will use this feature to control every aspect of the project including assigning personnel, specifying their permissions, creating project directories, setting the BOM parameters and more.
- Attention to model and drawing aesthetics—With special attention paid to the aesthetics of each symbol and component, 3DSMART ensures you get the best-looking drawings possible.
- Extensive component coverage—Utilize a complete library of symbols and components.
- Multiple AutoCAD version support—3DSMART works with multiple versions of AutoCAD to minimize the need to upgrade frequently. The latest release, 3DSMART V2007 works with AutoCAD 2004, 2005, 2006 and 2007.
- Innovative menu system—Find the tools and commands you need instantly with a menu system designed to provide quick and easy access.
- Comprehensive CAD functionality—3DSMART is designed to simplify the process of producing 3D models with timesaving features built into every application. For instance, 3DSMART makes all of AutoCAD's functionality and toolbars available to the user, and it resets the AutoCAD profile when you exit the program so it doesn't interfere with AutoCAD or other third-party programs.
- Metric and English units support—3DSMART allows you to use metric, English or a combination of both.
- Spec driven piping design—Create your own specs with a source database that includes an extensive array of fittings in a wide variety of ratings and materials.
- Rules based piping design—With Rules Based Connectivity, 3DSMART ensures piping design accuracy while still enabling you to work quickly. When connecting components, the program automatically evaluates many parameters to check piping connection rules are being followed such as pipe size, line number match, pipe rating and wall thickness match.

- Material reporting capability—The Bill of Material Generator enables you to manage each project's material effectively including the ability to generate customized material reports.
- Free updates—PROCAD's latest fixes, features and design libraries are available on our website at no additional cost to customers.
- Generic AutoCAD compatibility—Open and query 3D models with generic AutoCAD for full portability of designs created with 3DSMART.
- Automated isometric generation— With an easy-to-use wizard to guide the user through simple steps needed to generate isometrics and to automatically view the output files in AutoCAD.
- Automated 2D deliverables generation—With 3DSMART Modeler, a wizard guides the user through the process of generating 2D plans and sections in AutoCAD format drawings.
- Proven experience in software design for over ten years—Rely on our solid reputation as a provider of excellent products, extensive services and prompt technical support.
- Specialized editions—During the easy installation process, you'll choose the Personal Edition or the Business Edition.
  - The Personal Edition is value-oriented package intended for a single user on a standalone computer. The software includes a basic built-in Project Manager to simplify model and data management. This edition connects to the included SQL Server Express 2005 database.
  - The Business Edition offers robust project management tools for a single user or multi user environments. This edition can be installed with the included SQL Server Express 2005, or connected to SQL Server 2000 or 2005.