

DriveWorks Series Overview



DESIGN AUTOMATION FOR COMPANIES THAT ENGINEER—TO—ORDER

From entry level to enterprise level, there is a DriveWorks Design Automation product to suit the needs of most companies creating custom products. DriveWorks is proven technology that lets you automate many repetitive tasks to generate accurate design and manufacturing outputs quickly and easily



Product Specification & Design Automation

DriveWorks allows specifications to drive SolidWorks models, drawings and output

DriveWorks—A Scalable Solution

• DriveWorksXpress

Basic Rules Based Design Automation

Design Automation Wizard with basic functionality inside SolidWorks

• DriveWorksEngineer

Design Automation for SolidWorks Users

DriveWorks Administrator

Use to capture the geometric design and configuration rules to enable a user to specify and configure product. Requires SolidWorks license

• DriveWorksTeam

Share Knowledge & Know-How

DriveWorks Administrator, Server & Users

DriveWorksTeam allows several users to specify products based on the knowledge and rules captured and assigned by the DriveWorks Administrator. Requires SolidWorks license

• DriveWorksEnterprise

Enterprise Solution

DriveWorks Administrator, Server, Users & Live for Web Configurations

DriveWorksEnterprise adds the ability to specify over the web and offers integration with other applications such as PDM, ERP and CRM. Requires SolidWorks license for model generation



DriveWorks—Rules Based Design Automation

DriveWorks automates many of the repetitive design engineering tasks. A DriveWorks Implementation can generate a variety of outputs that are required to manufacture and market products variants

- 3D models
- 2D drawings
- Cutting Lists
- Bills of materials
- E-drawings
- Customer quotations



Companies worldwide are using DriveWorks to cut design costs and reduce the Enquiry to Manufacture Cycle for custom products

The DriveWorks Administrator captures parameters that are to be driven, using the integrated **DriveWorks Model Wizard**. This data is transferred automatically to the **DriveWorks Rules Wizard** so that Rules can be assigned, managed and linked to a user interface for specifying new and variant products. The look and feel of the user interface can be customized using the **DriveWorks Form Designer** so others such as customer support staff, sales people, agents and distributors, even customers can specify and configure the products they require; And all based on your rules.

In the past such functionality and benefits were only within the financial reach of companies with big software budgets. However DriveWorks is an affordable and easy-to implement solution for all. This has been achieved by using standard software tools such as Excel and well known, easy to use CAD packages such as SolidWorks. DriveWorks does not require expensive and time consuming programming to implement.

DriveWorks customers include manufacturers of commercial vehicles, custom furniture, windows and doors, conveyors, HVAC, catering and materials handling equipment, mechanical seals, and pressure vessels. In fact DriveWorks can be used by any company that needs to automate design and engineering outputs and generate a professional and responsive image.

DriveWorks provides several benefits:

• Powerful Product Configurator

Specify to order and satisfy customer requirements

• Valuable Sales and Marketing tool

Generation of 3D models and 2D drawings enables the customer to quickly 'see' their product, and so aids the sales process

• Fast Response to Customer

Dynamic Quotations can be quickly created in response to enquiries and all based on the customer's individual requirements as well as company profitability targets

• Time Saving

With DriveWorks, data is entered only once saving valuable time and enabling production to commence as soon as the order is placed

• Important Aid to Quality Control

Because the output is based on specified rules, results are consistent and accurate, reducing the risk of costly errors.



Today customers and markets demand ever increasing variation and customization

Most manufacturers wish they could reap the benefits of mass production where initial investment in design and engineering can be exploited over time.

DriveWorks provides the solution

DriveWorks enables companies to capture design knowledge, rules and experience. It then allows this knowledge to be shared so as to create new and variant designs, accurately, quickly and cost effectively.

DriveWorks 6 System Requirements

- RAM: 1gb RAM or more
- Video: NVIDIA or ATI chipsets with 128mb DDR or greater
- CPU: AMD or Intel
 - Athlon (2GHz or greater)
 - Opteron (2GHz or greater)
 - Pentium (2GHz or greater)
 - Xeon (2.6 GHz or greater)

- Microsoft Office Professional XP / 2003
- Microsoft Windows XP / Windows Server 2003
- Microsoft .net framework 2.0
- Internet Explorer 6.0
- SolidWorks 2006 or later. Preferably latest.
- e-Drawings 2006 or later must be installed

At least one DriveWorks Administrator license required per site. DriveWorks Admin ships with: DriveWorksEngineer/Team & Enterprise

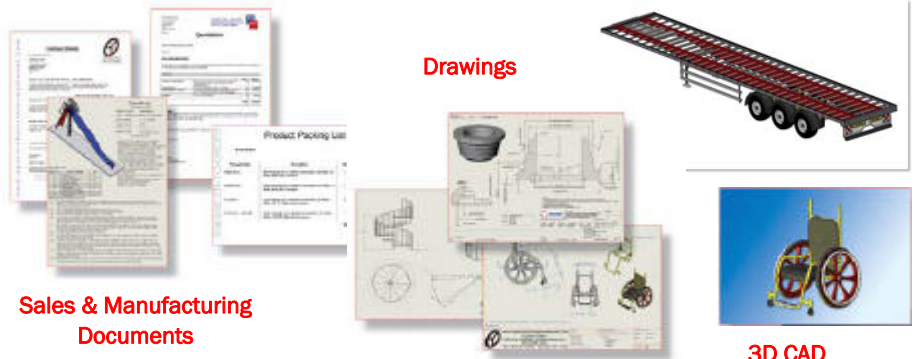
DriveWorks Admin uses a full time SolidWorks license for working with geometric design and configuration rules and to generate 3D output

Databases Required

- DriveWorksEngineer**
Standalone Microsoft Access
- DriveWorksTeam**
SQL Express or SQL recommended
- DriveWorksEnterprise**
SQL recommended

Rules Based Design Automation for ETO Companies

- Does your company design or engineer to order?
- Do you have repetitive design tasks that could be automated?
- Could your products be defined by a set of rules and equations?
- Do you need a product/sales configurator for specifying new/variant products?



DriveWorks—Sold Worldwide - Supported Locally

- Are YOU Fed Up With Repetitive Design Tasks?
- Are YOU stressed by the pressure from your sales department to respond to quotations and poor instructions at short notice?
- How often are you asked to work on product that is similar to something that you have designed before, or that is a variant of standard product?
- How much of YOUR time is spent on time consuming and repetitive design tasks that take up your valuable time and stop you getting on with REAL work?
- How much of your time is spent COPY-CADDing or simply generating documentation rather than on real design and engineering tasks that you were originally trained for?

Contact your DriveWorks reseller now for more information on what DriveWorks could do for you, or visit www.driveworks.co.uk

As a SolidWorks Certified Gold Partner Product, DriveWorks is fully integrated with SolidWorks and the majority of our Resellers are also SolidWorks Resellers who in turn have a commitment to provide **added value** as well as DriveWorks training and support.



DriveWorks resellers are expected to display good product knowledge and to employ committed and experienced engineers who will successfully train and support DriveWorks Customers.

Resellers are required to commit to the DriveWorks Certification program.

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