

DriveWorksEngineer



DESIGN AUTOMATION FOR SOLIDWORKS

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

Do these issues sound familiar?

"We are under terrific pressure to produce quote, approval drawings, production drawings and associated documentation"

"Often when we win a contract, the approval drawings are thrown away and we start again. This is quicker than doing the modifications, but we find we are doing the same tasks again and again"

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

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 quotation



A Scalable Solution to meet the needs of ETO companies

- DriveWorksXpress
- DriveWorksEngineer
- DriveWorksTeam
- DriveWorksEnterprise

DriveWorksEngineer—Rules Based Design Automation

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.

DriveWorks Administrator



Application Designed in Administrator
Specifications can be created from custom interface



Typical Outputs



Product Specification & Design Automation

When you specify with DriveWorks you drive SolidWorks models, drawings and outputs



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 in order to create new and variant designs, accurately, quickly and cost effectively.

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 Query (from Office CD)
- Microsoft .net framework 1.1
- Internet Explorer 6.0
- SolidWorks 2006 or later. Preferably latest.
- e-Drawings 2006 or later must be installed

At least one DriveWorks Admin license required per site

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

Databases Required

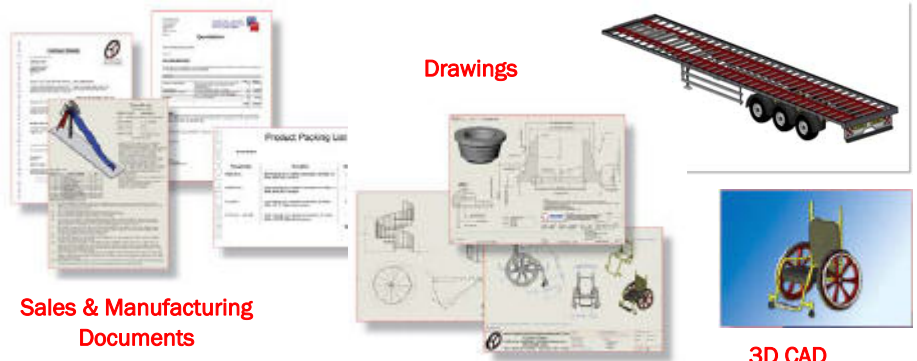
DriveWorksEngineer —Standalone
Microsoft Access

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?

DriveWorks resellers are selected for their ability to extend the use of design tools beyond the engineering department.

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 services** as well as DriveWorks training and support.

There is a DriveWorks Certification program for Resellers



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