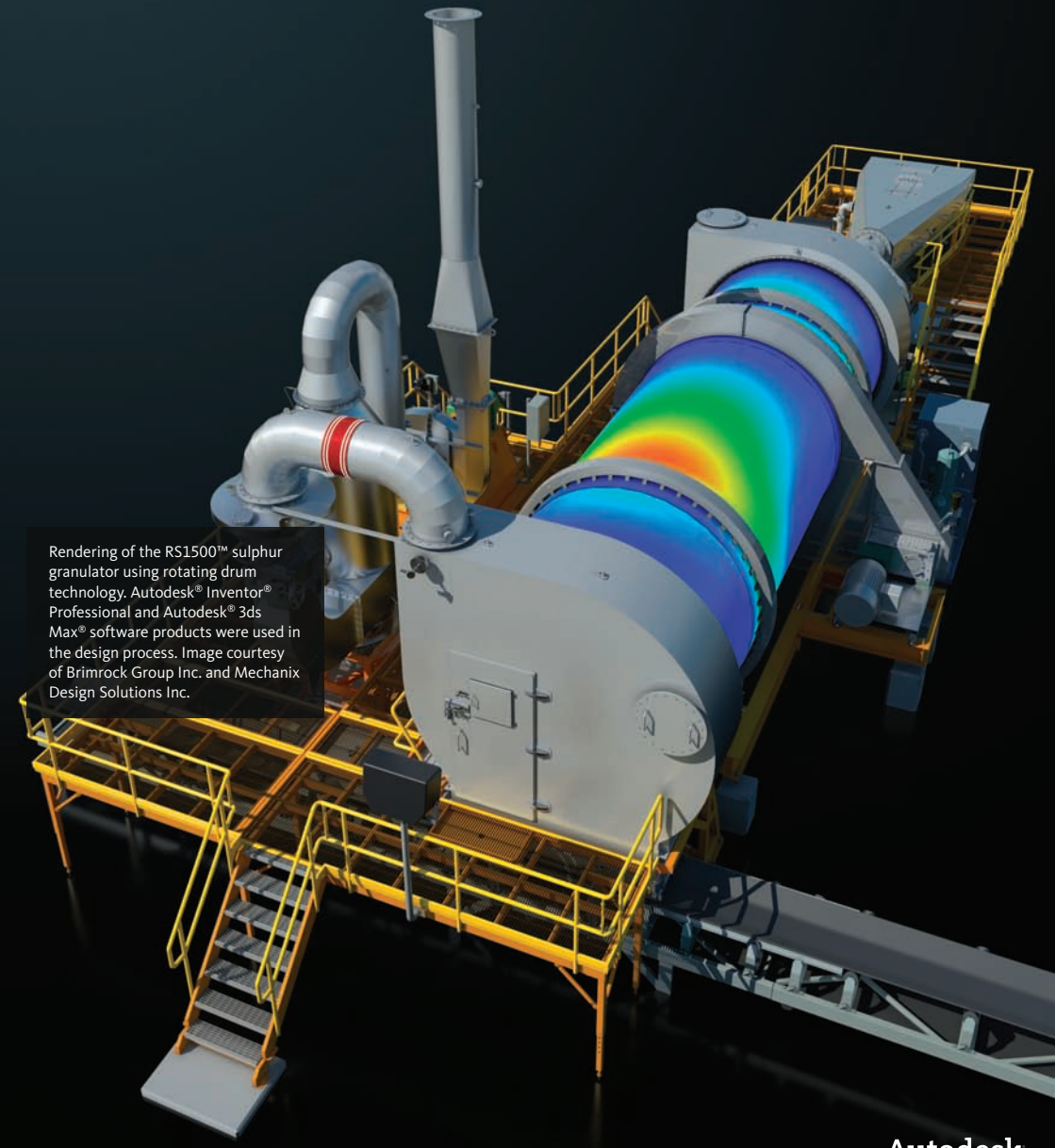
Autodesk® Inventor® 2013

Certified Products Directory



Rendering of the RS1500™ sulphur granulator using rotating drum technology. Autodesk® Inventor® Professional and Autodesk® 3ds Max® software products were used in the design process. Image courtesy of Brimrock Group Inc. and Mechanix Design Solutions Inc.

Autodesk

Rendering of the Rs1500™ sulphur granulator using rotating drum technology. Autodesk® Inventor® Professional and Autodesk® 3ds Max® software products were used in the design process. Image courtesy of Brimrock Group Inc. and Mechanix Design Solutions Inc.

Welcome to the Autodesk® Inventor® Certified Products Directory. Each certified product adheres to strict Autodesk engineering guidelines to help provide the highest level of quality and interoperability with the latest release of Autodesk® Inventor® software. Autodesk works closely with many third-party software companies around the world to provide enhancements and solutions that address every facet of your unique design through manufacturing process. Autodesk® Inventor® is one of the leading 3D design solutions, and is also one of the most popular platforms for third-party development. Take a look at how Autodesk® Inventor® and its certified partner products can help designers from inception to manufacturing achieve greater speed, accuracy, and automation in the following key areas.

For the latest information on certified products, visit
www.autodesk.com/inventorcertified

SOFTWARE

Computer-aided Manufacturing (CAM)

Create Numerical Control (NC) code for automated machine tools using certified CAM tools.

- Solids machining
- Sheet metal machining

Computer-aided Engineering (CAE)

Save significant time and resources using analytical and simulation tools that can reduce the need for physical prototypes.

- Finite Element Analysis (FEA)
- Computational Fluid Dynamics (CFD)
- Dynamic Motion Simulation
- Ergonomics

Specialized Design Tools

Automate many specialized, time consuming, and error-prone manual design tasks.

- Sheet metal design
- Mold design
- Process and plant equipment design
- Part libraries

Document Management

Manage design and project data across your entire product lifecycle.

- Product Data Management
- ERP/MRP Connectors
- Document Management

Tutorials and Training

Increase your knowledge and efficiency using Autodesk Inventor with interactive lessons.

- Training Videos
- Tutorials

Translation

Bring together proprietary-format CAD data using data translation and neutral data formatting.

- Native CAD data translation
- Neutral format translation

Visualization

Visualize designs in a variety of compelling ways for non-CAD users so they can participate in the product lifecycle.

- Viewing and markup
- Publishing
- Photorealistic rendering

HARDWARE

Provide the best performance and stability with Autodesk Inventor software using thoroughly tested, certified hardware products.

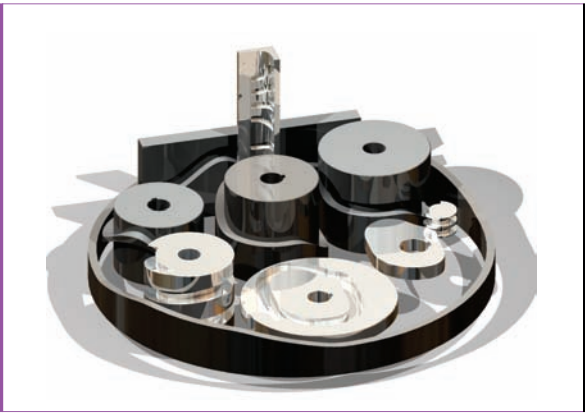
- 3D motion controllers
- Graphics cards
- Workstations

* Certification of products is according to guidelines and testing criteria established by Autodesk. Certification of products referenced here may change. Product certification, information and specifications are subject to change without notice.

Camnetics, Inc.

CamTrax64AI

CAM



Camnetics, Inc.
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Web: www.camnetics.com

CamTrax64AI™ helps the designer create solid models of virtually every type of cam with the dynamic motion control parameters your system requires. During the design, CamTrax64AI™ generates charts when linked with Excel and adds a profile list to your drawing. Camnetics, Inc. is dedicated to providing the design engineer with accessible software for developing high-speed machine cams!

CamTrax64AI™ standard cam types include cylindrical cams, plate (aka disk) cams and linear cams. Choose the follower type that the design requires; on center translating, off center translating and oscillating arm. Selecting different motion synthesis is a snap with CamTrax64AI™. Choose between virtually any standard cam motion with a couple of mouse clicks.

With Excel, the designer can analyze the cam motions and compare different motion synthesis. Don't have Excel? Output can also be to a text file! Charted are displacement, velocity, acceleration, pressure angle, camshaft torque, radius of curvature, contact stress and normal force. The fabrication module, included with the software, creates NC code for your 3 and 4 axis machine tools.

Supported Languages:
English

Camnetics, Inc.

GearTeqAI

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CAM

GearTeqAI is an intuitive program that assists designers in creating solid models of drive components. It is easy to use for the designer with limited gear experience yet powerful enough for the gear expert. The animation window shows how the spur/helical gear set will mesh as the gear parameters are changed. It is extremely useful in understanding how changes to the gear data reflect on the gear mesh.

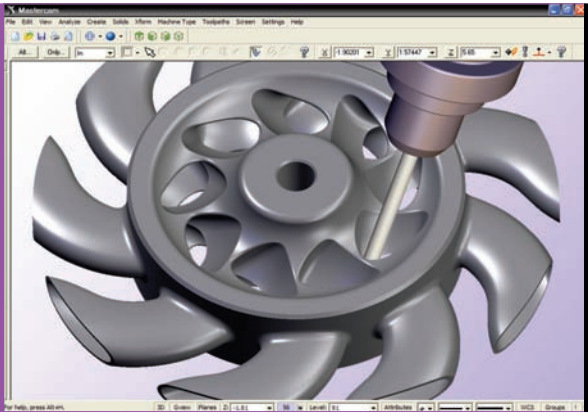
GearTeqAI is more than a library program. Each part is created in Autodesk® Inventor® just as a designer would, but rather than taking hours or days, the part is created in seconds. It creates solid models of spur and helical gear sets, internal gears, straight and spiral bevel gears, worm gears, involute splines, timing belt pulleys, chain sprockets and V-belt pulleys. GearTeqAI also integrates with Excel to create data sheets. Test drive GearTeqAI for Inventor by downloading the full version for a free 10 day trial.

Supported Languages:
English

CNC Software, Inc.

Mastercam

CAM



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Mastercam X

As one of the most widely used CAM software in the world today, CNC Software prides itself on providing excellent products and services at affordable prices. CNC Software has remained at the forefront of CAD/CAM technology by listening to customer needs and providing outstanding support. Most of all, through dedication to quality CNC Software, it provides CAD/CAM solutions in mould making, automotive, aerospace and consumer industries.

Mastercam offers a free add-in to Autodesk® Inventor® users called Mastercam Direct. This utility brings files directly from Inventor into Mastercam, along with file comparison to detect and alert users of revisions.

Supported Languages:
English, German, French, Japanese, Chinese, Korean, Spanish, Portuguese, Portuguese (Brazil), Italian, Hebrew, Russian, Swedish, Finnish, Turkish, Polish, Taiwanese, Hungarian, Danish

DP Technology Corp.

ESPRIT

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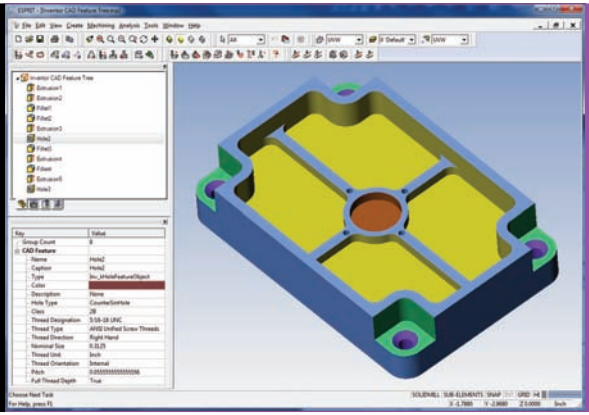


CAM

ESPRIT
The Right Choice

ESPRIT is a high-performance computer-aided manufacturing (CAM) system for a full range of machine tool applications. It delivers powerful, full-spectrum programming for 2–5 axis milling, 2–22 axis turning, 2–5 axis wire EDM, multitasking mill-turn machining, and B-axis machine tools.

ESPRIT provides users with ESPRIT FX™, which is the latest in advanced CAD to CAM feature exchange technology. Going beyond transferring just the part geometry, the FX™ technology provides portions of the original Autodesk® Inventor® Feature Tree directly inside the ESPRIT user interface thereby including the complete original design intent – features, tolerances, material properties, surface finishes, administrative data, etc.

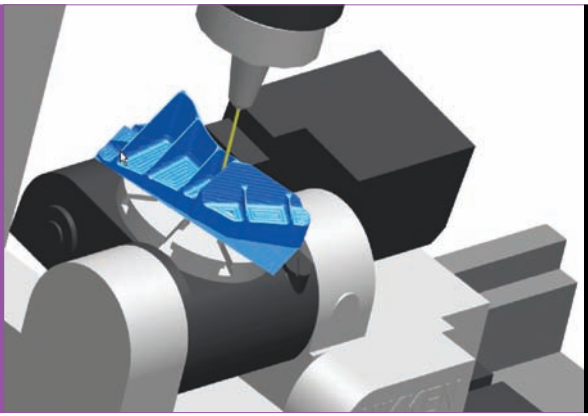
The ESPRIT CAM system reflects over 20 years of research and development, and ESPRIT's partnerships with the world's premiere machine tool builders confirm the leading position which ESPRIT has earned in the CAM software market. CNC programmers in every manufacturing sector, from medical to aerospace, rely on ESPRIT to meet their demanding machine tool programming requirements.

Supported Languages:
Chinese, Czech, English, French, German, Italian, Japanese, Korean, Polish, Portuguese, Spanish, Swedish, Russian, Turkish

Delcam

FeatureCAM

CAM



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Delcam FeatureCAM combines cutting edge technology with ease of use. With its first release in 1995, FeatureCAM introduced revolutionary feature-based technology. Since then, FeatureCAM has continued to provide powerful CAD/CAM options to streamline programming – including automatic feature recognition, knowledge-based machining and several importing and customization options.

With FeatureCAM, users simply draw or import a part, identify part components as features, click simulation, and NC code is generated. Knowledge-based technology increases productivity by automatically selecting tools, calculating feeds and speeds, and determining roughing and finishing operations. Users can easily change any of the suggested parameters.

FeatureCAM offers a broad range of importing options, including native Autodesk® Inventor® files. Users also receive several benefits at no additional cost – such as an extensive library of post processors, the ability to create custom posts and edit existing ones, feed rate optimization, and an integrated 3D simulation package.

Additional Delcam products include 3D modeling with PowerSHAPE, highly efficient machining with PowerMILL, swiss turning with PartMaker, artistic design with ArtCAM, and inspection options with PowerINSPECT.

Supported Languages:
Chinese (Simp), Czech, Finnish, French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Spanish

Gibbs and Associates, A Cimatron Company

GibbsCAM®

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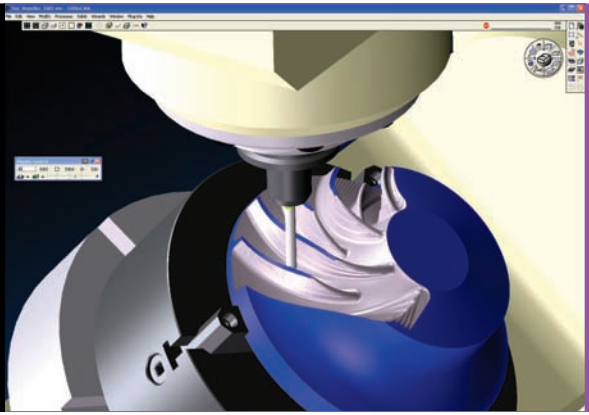

CAM

GibbsCAM®
Powerfully Simple. Simply Powerful.®

The GibbsCAM® product family provides powerful, yet easy to use, programming support for 2-through 5-axis milling, high speed machining, turning, mill/turning, multi-task machining, swiss, tombstone machining and wire-EDM CNC machine tools.

An intuitive graphical user interface makes GibbsCAM® easy to learn and very efficient, maximizing user productivity. Integrated simulation allows processes to be visually verified and corrected before becoming costly mistakes out on the shop floor.

Comprehensive manufacturing modeling capability for wireframe, surface and solid geometry supports manipulation of part geometry for manufacturing. While outputting machine-specific G-code, users have the choice of using GibbsCAM's template-based post processor utility, or use one of GibbsCAM's what-you-see-is-what-you-machine factory supplied post processors.

GibbsCAM® is compatible with Autodesk® Inventor®. GibbsCAM® add-in for Autodesk® Inventor® allows part models to be transferred directly to GibbsCAM® from within the Inventor session. Associativity between geometry, process and toolpath allows easy updates to accommodate incremental changes.

Supported Languages (for Product):
English, French, Chinese (Simplified), Chinese (Traditional), Czech, Dutch, German, Italian, Japanese, Korean, Polish, Portuguese (Brazilian), Russian, Spanish, Swedish, Turkish

Lantek Sheet Metal Solutions S.L.

Lantek Flex3d Inventor

CAM

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lantek flex3d

Lantek Flex3d Inventor provides comprehensive unfold of sheet metal and solid parts.
The application prepares parts and assemblies in Autodesk® Inventor® to send to the Lantek's CAD/CAM and ERP or export them to DXF file.

The application allows engineers to preview unfolded parts before exporting them. Lantek Flex3d Inventor acts as a bridge between Autodesk® Inventor® software and Lantek's CAD/CAM and ERP.

This streamline is based on the newest technology from Lantek and is a user-friendly and powerful tool. Lantek Flex3d Inventor is fully compatible with Autodesk® Inventor®, enabling designers to optimize data flow process between design office and manufacture.

Lantek Flex3d Inventor enables the automation on the cutting and punching processes of the flat parts, from their 3D models, under the same environment of Lantek's software.

Supported Languages:
English, Spanish, French, German, Italian, Japanese, Portuguese, Chinese, Polish

MecSoft Corporation

VisualXPORT for Inventor

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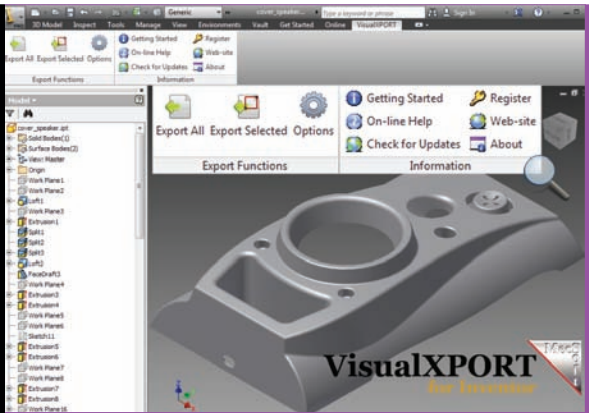


CAM

MecSoft Corporation

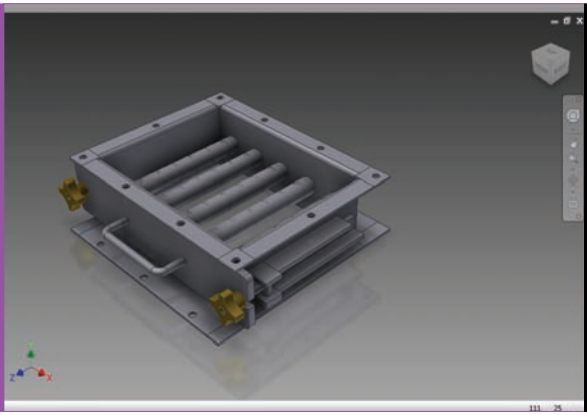
VisualXPORT for Inventor is a direct plug-in for Autodesk® Inventor® that lets users export their parts in VisualMILL formatted files (.vcp). This solution provides an enhanced workflow for companies that design in Inventor and use VisualMILL in their manufacturing process. One of the primary benefits of Inventor is that it offers users export options beyond STL, IGES and STEP formats. With VisualXPORT for Inventor you can export: 2D & 3D Sketches (curves), Solids with combined faces, Solids with separate faces and individual surfaces. VisualXPORT for Inventor is compatible with Inventor versions 2011- 2013, 32 and 64-bit versions.

Supported Languages:
English

METAMATION, Inc.

MetaCAM Importer for Inventor

CAM



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Metamation
Leading the Industry in Innovative CAD/CAM Software

Metamation is an Autodesk ADN member.

MetaCAM Importer enables engineers to import multiple Autodesk® Inventor® assembly files or part files into MetaCAM's 2D module. Material and thickness details are imported into MetaCAM accurately and the software allows the engineers to create an efficient nest for further processing on the CNC machine.

Metamation is a leader in providing CAD/CAM Nesting Solutions for the Sheet Metal Industry, with a specific focus on Profile Cutting, Punching, Bending and Multi Axis applications. Developed by experts with over 25 years in the CAD/CAM industry, the MetaCAM suite of products has evolved into the most innovative solution available in the market today. MetaCAM is designed to support CNC fabrication equipment such as lasers, plasmas, water jets, oxyfuel torches, turret punch presses and routing machines.

Supported Languages:
English, French, Italian, Japanese, Spanish, Portuguese

Omega ADEM Technologies Ltd.

ADEM NcFusion

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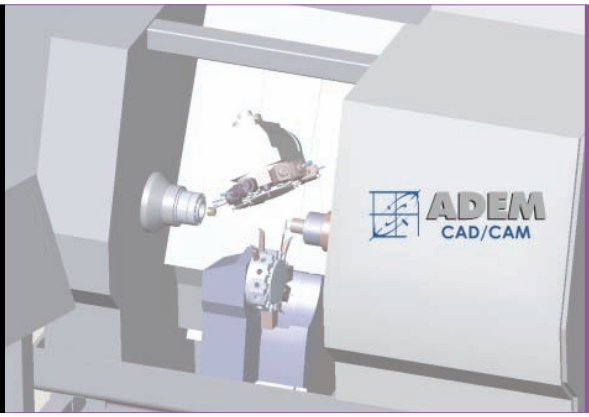


CAM

Omega ADEM Technologies ltd.

The ADEM CAM is a certified Autodesk® Inventor® solution working directly with the Inventor environment.

ADEM CAM covers the full manufacturing machining technologies from 2.5X to 5X Milling, Turning, Turn-Mill, Laser Cutting & Welding, EDM and more. The product's analytical tool path calculation yields high quality machining results with very high performance.

The ADEM product is cost effective for high-end professional users where complex parts require efficient machining time and quality.

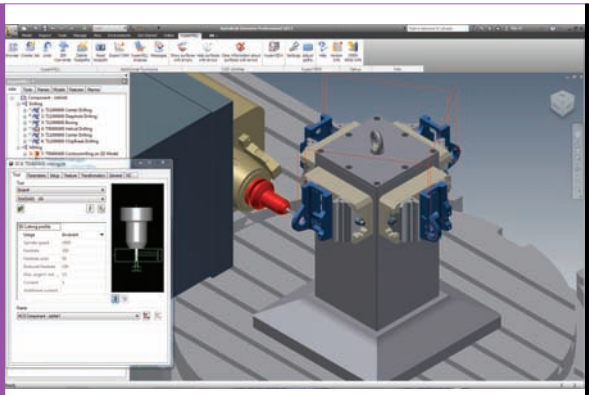
The ADEM CAM solution extended to a wider market by the introduction of the ADEM-NcFusion. The ADEM NcFusion contains easy to use, self-guiding user interface and is offered in configurations to match the needs of entry to the highest level users at an affordable and competitive price.

Supported Languages:
English, German, Russian

OPEN MIND Technologies AG

*hyper*MILL® in Autodesk® Inventor®

CAM



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OPEN MIND
THE CAM COMPANY

*hyper*MILL® – a completely integrated CAM solution in Autodesk® Inventor® – allows the user to turn CAD designs into NC-code for machining without having to leave the familiar program environment. The CAM solution offers users an array of strategies for 2D, 3D, HSC and 5axis machining, as well as milling and turning, in one user interface.

*hyper*MILL® strongly supports automated programming and clever utilisation of existing manufacturing know-how by offering various functions that help you gain simple, user friendly and time-saving workflows. The foundation for this is provided by autonomously executing processes that greatly simplify even complex programming tasks. Reduced input times and transparent, clear work processes minimise the risk of programming errors.

An example of the new level of automation are the intelligent macros that represent the next generation of the macro and feature technology present in previous editions. Various features and tools simplify your staff's daily work across the entire programming and maintenance cycle, including 64-bit support, a reporting tool for analysis and documentation purposes, or even an integrated machine simulation. The postprocessors, tailored to specific machines, controllers and manufacturing processes, ensure that the CAM programs are processed seamlessly on the machine.

Supported Languages:
Czech, Dutch, English, French, German, Italian, Polish, Russian, Spanish, Chinese, Japanese

OPUS Entwicklungs und Vertriebs GmbH

Export of Hole Features to OPUS CAM

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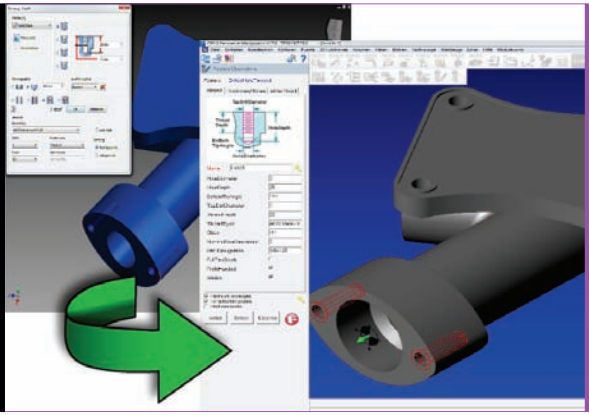


CAM

To get closer to a fully automatic NC program, the software experts of the CAM system OPUS have developed an Add-In DLL for Autodesk® Inventor®. Modern CAD systems have now got the functionality to describe drilling operations with their Hole Wizards.

The OPUS Add-In also has the functionality to search and analyze these hole features and export their important data to a STEP format based file. With this exported data, OPUS is able to start a fully or semi-automatic process to convert the hole data into real NC relevant drilling and milling operations if necessary.

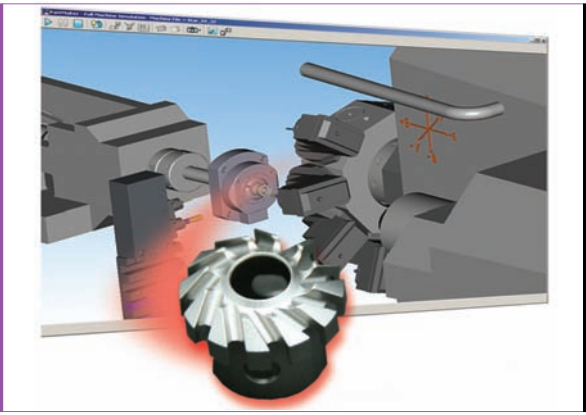
Obviously the main advantage is the immense saving of time in creating these drilling operations. And another advantage is the error avoidance in creating these operations as well. The conversion of the feature data will allow customization and will take into consideration the different ways and different tools to describe these manufacturing processes.

Supported Languages:
German, English

PartMaker Inc., a division of Delcam Plc

PartMaker CAD/CAM Software

CAM



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PartMaker CAD/CAM Software from PartMaker Inc. fully integrates with Autodesk® Inventor® by accepting both 2D and 3D design data directly. PartMaker Inc. is a division of Delcam Plc.

PartMaker is a Knowledge Based Machining system that provides a substantial gain in programming efficiency by remembering the tools, material and process information necessary to machine individual part features. It relieves the user from re-entering the same feature information for subsequent parts. It also improves productivity by placing the emphasis on tool management functions.

PartMaker pioneers a Visual Programming Approach for programming multi-axis lathes with live tooling. It assures quicker learning and easier use. It makes extensive use of pictures to help the user describe tools, part features and machining data. Synchronization of tools working on multiple spindles is achieved by a few mouse clicks.

PartMaker Inc.'s helps manufacturers create and validate CNC programs easily by providing a cost effective CAD/CAM system that make operations involving CNC Mills, Lathes, Turn-Mill Centers and Swiss-type lathes more productive immediately.

Supported Languages:
English, German, Russian, Dutch, Korean, Chinese, French, Japanese, Italian, Czech, Finnish, Spanish, Portuguese

SigmaTEK Systems, LLC

SigmaNEST Software

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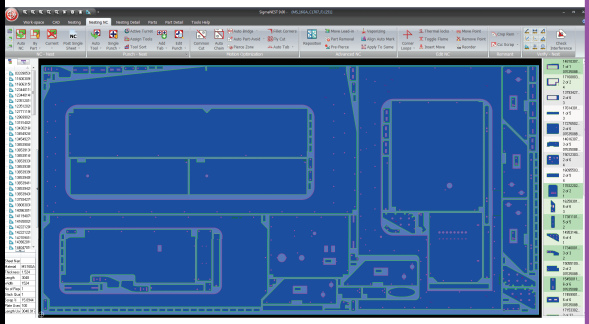


CAM

Nest with the Best™

SigmaNEST is one of the most advanced CAD/CAM nesting technology in the industry. Its proprietary engine is developed and maintained by a team of mathematicians and engineers considered leaders in the field of manufacturing material optimization. SigmaNEST serves nearly every industry and fits a vast range of fabrication needs.

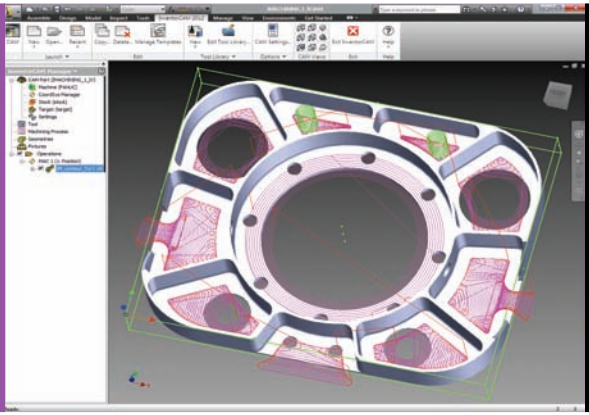
SigmaNEST can be employed on every type of machine resulting in a single, economical, and scalable solution. SigmaNEST saves valuable time, materials, and manpower while never sacrificing quality. By providing seamless translation from Autodesk® Inventor® assembly parts intended to be profile cut to SigmaNEST parts, entire assemblies may be imported into SigmaNEST. Autodesk® Inventor® users have access to the full power of SigmaNEST's leading CAD, nesting and NC generation capabilities. With over 9,000 installations worldwide, SigmaNEST offers superior performance and customer support.

Supported Languages:
English, Spanish, Chinese, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Norwegian, Portuguese, Russian, Swedish

SolidCAM Ltd.

InventorCAM

CAM



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InventorCAM

InventorCAM is a fully integrated CAM solution for Autodesk® Inventor®. InventorCAM provides seamless, single-window integration and full associativity to the Inventor design model. All machining operations are defined, calculated and verified without leaving the Inventor window.

InventorCAM provides complete synchronization of manufacturing to the design model all CAM operations are automatically updated when the design model changes.

The hallmarks of InventorCAM are its ease of use combined with its powerful CAM functionality. InventorCAM supports the complete set of manufacturing technologies: (a) 2.5D Mill, (b) High Speed Surface Machining, (c) 3D Mill/ High Speed Machining, (d) Multi-sided Indexial 4/5 axes Milling, (e) Sim 5-axes Milling, (f) Turning, (g) Turn-Mill and (h) WireEDM.

InventorCAM combines interactive user-defined CAM operations with powerful capabilities for automatic feature recognition and machining. It also provides powerful verification and machine simulation capabilities.

InventorCAM is used in the mechanical manufacturing, electronics, medical, consumer products, machine design, automotive and aerospace industries, rapid prototyping and mould, tool and die.

With InventorCAM's seamless single-window integration in Inventor, any size organization can reap the benefits of a fully integrated CAD/CAM solution that supports all major manufacturing applications.

Supported Languages:
English, German, French, Italian, Spanish, Czech, Danish, Polish, Portuguese, Russian, Turkish, Japanese, Korean, Chinese Simplified, Chinese Traditional

Striker Systems, Inc.

FAB Professional

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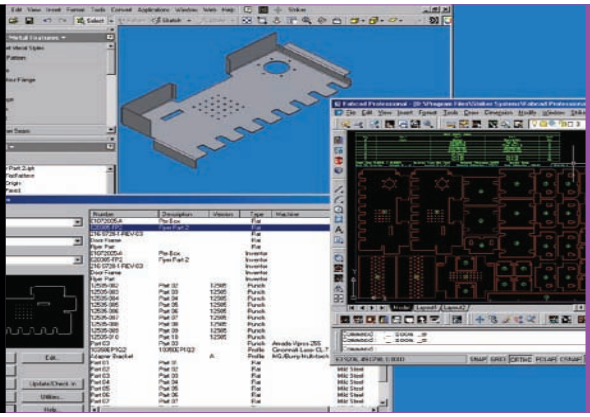

CAM

STRIKER
Sheet Metal CAD/CAM & Nesting Software

FAB Professional is a comprehensive sheet metal nesting and CAD/CAM solution for programming CNC turret punch press, profile (lasers, plasmas, waterjets, and two-axis cutting machines), combination punch/profile, and shearing machine tools. FAB Professional is available as an AutoCAD–integrated solution, or as a stand-alone solution built on AutoCAD® OEM.

FAB Professional adapts to both job shop and OEM manufacturing environments. Nest jobs can be constructed interactively, or through an automated ERP/MRP interface. Parts are automatically sorted by material type and gauge. Nest jobs can use standard sheet sizes, or analyze raw stock inventory and select sheets to optimize material utilization.

FAB Professional includes an NC program dispatching system to facilitate the release of manufacturing data to the shop floor. It provides multiple interface options for Autodesk® Inventor® including DXF/DWG support, OLE transfer, and Striker's unique PARTshare technology.

PARTshare is an Autodesk® Inventor® plug-in that allows Autodesk® Inventor® and FAB Professional to share a common part library. From engineering, sheet metal Autodesk® Inventor® models are automatically unfolded as they are placed in the PARTshare library. From manufacturing, FAB Professional accesses the PARTshare library for nesting or individual part processing. Multiple part revisions can be maintained to ensure manufacturing integrity.

Supported Languages:
English

Tri-D Technologies, Inc.

ExactFlat

CAM

Tri-D Technologies, Inc.
300 New Toronto Street
Toronto, Ontario
M8V 2E8 Canada
Contact: Steven McLendon
Phone: 770 479 6249 (Atlanta Office)
Toll-Free: 877 977 7776 Ext. 9020
Email: steven.mclendon@exactflat.com
Web: www.exactflat.com

Get more done, in less time and with less effort.

ExactFlat converts 3D CAD models into production-ready 2D flat patterns in minutes - rather than hours or days. For manufacturers working with 3D models and industrial fabrics, ExactFlat enables your business to do more within Autodesk® Inventor® and integrates seamlessly with the Autodesk suite. When paired with Autodesk® Inventor®, ExactFlat will support native Autodesk® Inventor®, Autodesk® Alias®, Autodesk® 3ds Max® and AutoCAD® files, as well as other industry-standard formats.

Despite its breakthrough speed and power, ExactFlat is remarkably simple to use. When installed, ExactFlat adds another toolbar to the Inventor ribbon, so there's next to no learning curve. Your team will be using ExactFlat to optimize your design and engineering workflow within just a few hours of installation.

Supported Languages:
English

Vero Software Limited

Alphacam

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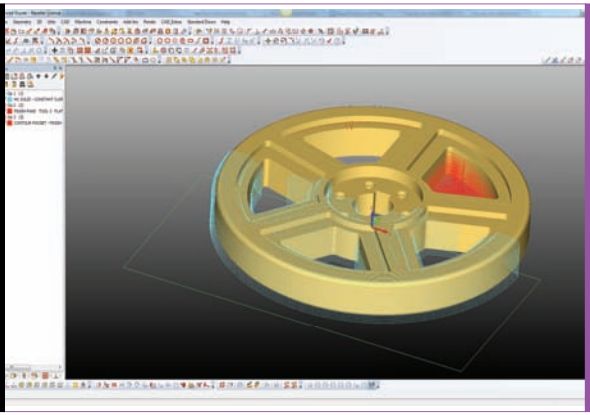
Web: www.alphacam.com



CAM

alphacam

Alphacam is a leading CAM solution for wood, stone, composites and metal components from 2 Axis through to 5 Axis NC programming applications. The emphasis behind the development of Alphacam is to provide our customers with productivity, reliability, and flexibility. Improving these attributes in any company will help increase profitability.

Alphacam is one of the most responsive CAM systems on the market. Renowned for its ease of use, it has an incredible range of in-built features that help manufacturers with their machining needs. It truly can be tailored to suit the needs of any production environment.

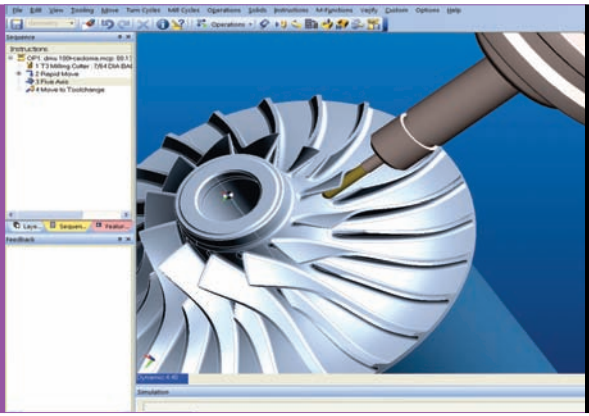
The Alphacam add-in for Autodesk® Inventor® allows the export of models into Alphacam for subsequent CAM operations.

Supported Languages:
Chinese, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Swedish, Turkish

Vero Software Limited

Edgecam

CAM



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edgecam

Edgecam, a market leading Computer-Aided Manufacturing (CAM) system for NC part programming, offers a complete solution for milling, turning and mill/turn programming with unparalleled ease of use and sophisticated toolpath generation.

Edgecam dramatically simplifies programming for all machining applications from production milling and tool making to mill/turn multi-task machining. With a range of 2 through 5-Axis milling cycles and full turning capability, it combines seamlessly with CAD integration and sophisticated automation tools.

Edgecam Solid Machinist is a powerful and seamlessly integrated CAM system for generating machining strategies and NC code for Autodesk® Inventor® models. CAD files are loaded directly into Edgecam without data-stripping translation. Making the move to solids is safe and easy as Edgecam Solid Machinist effortlessly machines solids as well as wireframe and surface models, allowing you to move to solids at your own pace while protecting your existing investment.

Edgecam Simulator is a state-of-the-art visualization tool that accurately models the full machine tool and simulates all movement throughout the manufacturing process, helping to ensure safe operation even during complex multi-turret machining and spindle-to-spindle part transfer operations.

Supported Languages:
English, Chinese, Czech, Dutch, French, Finnish, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Spanish, Swedish, Taiwanese

Vero Software Limited

Radan

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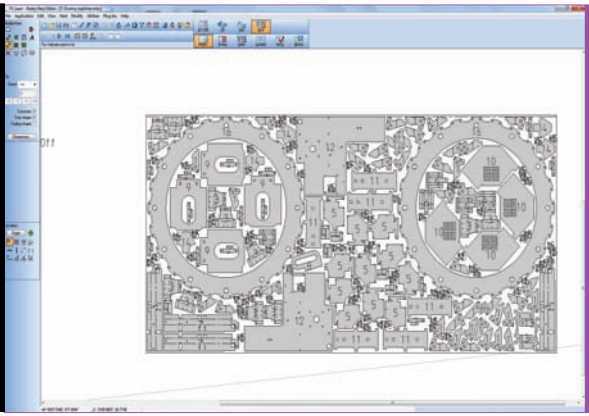


CAM

radan

Radan is a world leader in the field of CAD/CAM for the sheet metal industry, offering a total solution for design, manufacture and control production of sheet metal components and products.

Radan's strength lies in providing powerful integrated design to manufacture software allowing companies to significantly reduce inventory and increase material utilization.

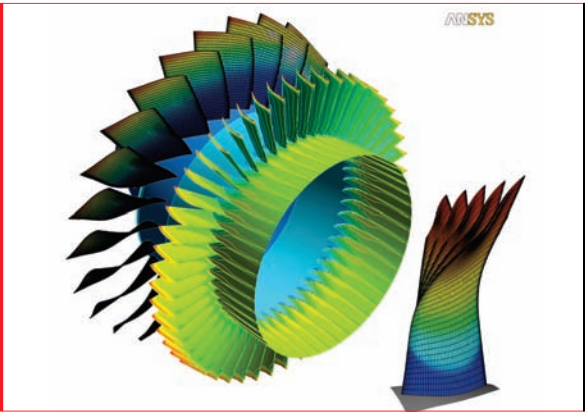
Radan's e2i product builds on the concept of offering a total solution, providing companies with the ability to efficiently track and manage cost throughout the design and manufacturing process. e2i - estimate to invoice, is a multipurpose management system which enables users to integrate their company's activities from initial enquiry for a contract, through the quotation and production stages, to final delivery and payment.

Supported Languages:
English, French, German, Italian, Spanish, Japanese, Chinese, Korean

ANSYS, Inc.

CFX

CAE



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ANSYS

ANSYS CFX software is a powerful and flexible general-purpose computational fluid dynamics (CFD) package used for engineering simulations of all levels of complexity. It offers a comprehensive range of physical models that can be applied to a broad range of industries and applications.

Hosted within ANSYS Workbench, ANSYS CFX takes full advantage of the bi-directionally associative Geometry Interface for Autodesk® Inventor®. This Interface facilitates the seamless transfer of geometry between Inventor and ANSYS Workbench, allowing the user to update the results from the analysis.

Complementing the Geometry Interface for Inventor is a suite of meshing tools, ANSYS CFX which is designed to ensure easy generation of the most appropriate mesh for a given application. ANSYS CFX tools guide the user through the setup of operating conditions, selection of materials and definition of models.

The ANSYS CFX solver combines the most modern solution technology with an algebraic multi-grid solver and extremely efficient parallelization to ensure that the solutions are ready for quick and reliable analysis.

Solution analysis with the ANSYS CFX post-processor gives users the power to extract any desired quantitative data from the solution. It also provides a comprehensive set of flow visualization options. Animations of flow simulations can be easily generated, and 3D images can be directly created and shared with any colleague or client using the freely distributable 3D viewer from ANSYS CFX.

Supported Languages:
English, French, German, Japanese

ANSYS, Inc.

DesignModeler

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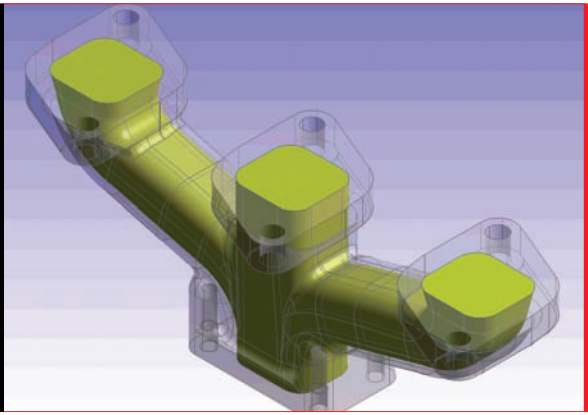


CAE

ANSYS DesignModeler is a geometry preprocessor that prepares geometry for CFD, Electronics and mechanical analyses. It automates model preparation and provides users the flexibility to customize according to the type of analysis or application. It includes automated options for simplification, cleanup, repair and disfeaturing.

ANSYS DesignModeler provides unique modeling functions for simulation that include concept model creation, CAD geometry modification, automated cleanup and repair, and several custom tools designed for fluid flow, structural and other types of analyses.

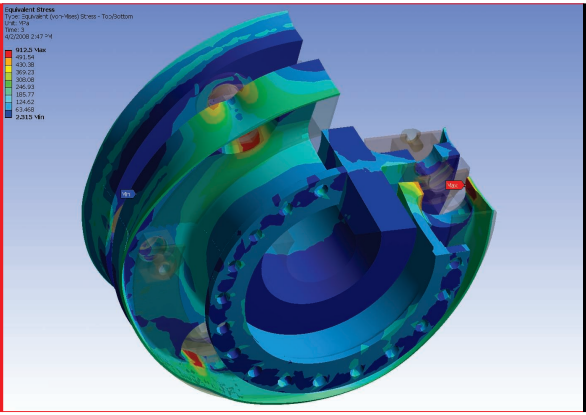
Hosted with the ANSYS Workbench, ANSYS DesignModeler takes full advantage of the bi-directionally associative Geometry interface for Inventor. This interface facilitates the seamless transfer of geometry between Autodesk® Inventor® and ANSYS workbench, allowing the user to update the geometry based results from the analysis.

Supported Languages:
English, French, German, Japanese

ANSYS, Inc.

DesignSpace

CAE



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The DesignSpace Software Suite is a robust three-dimensional (3D) simulation software package that enables designers and engineers to conceptualize, design, and validate all their ideas from a desktop environment in the design process. This streamlined, user-friendly simulation tool is based on the same powerful ANSYS technology that has been resolving challenging design issues for more than 40 years.

DesignSpace is fully compatible with Autodesk® Inventor®. It gives designers and engineers the ability to perform real-world structural, thermal, dynamic, weight optimization, performance optimization, vibration mode, and safety factor simulations on all their designs. From single part to complex and large assemblies to complete systems, DesignSpace turns 3D CAD environments into complete virtual product development systems.

Supported Languages:
English, French, German, Japanese

ANSYS, Inc.

DesignXplorer

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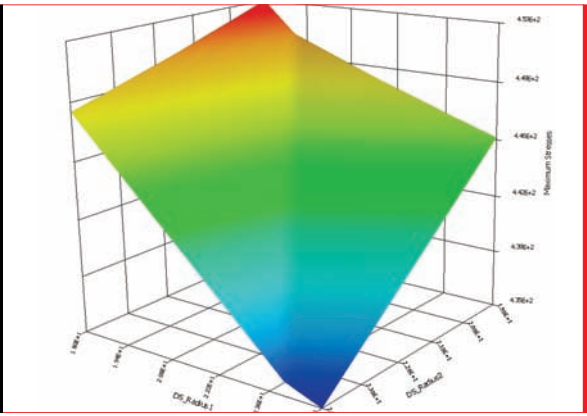


CAE

Through DesignXplorer, ANSYS Inc. offers dynamic interaction with the design envelope. Utilizing advanced parametric control, ANSYS DesignXplorer provides instantaneous feedback on all your proposed design modifications, dramatically decreasing the number of design iterations and improving your overall design process.

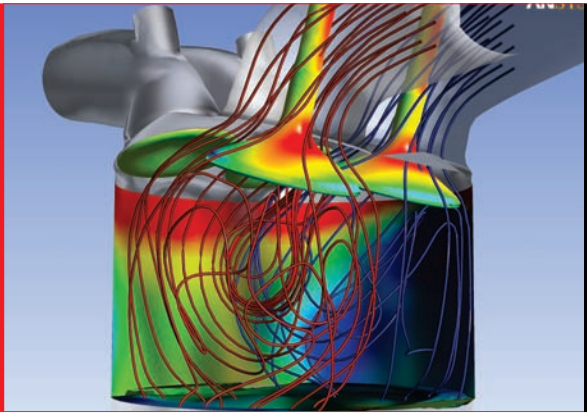
ANSYS DesignXplorer allows you to study, quantify and graph various structural and thermal analysis responses on parts and assemblies. It incorporates both traditional and non-traditional optimization through a goal-driven optimization method. This allows you to consider multiple designs so you can create new items within your existing product lines or optimize parts for new conditions much more quickly and efficiently.

Supported Languages:
English, French, German, Japanese

ANSYS, Inc.

FLUENT

CAE



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ANSYS FLUENT software contains the broad physical modeling capabilities needed to model the flow, turbulence, heat transfer, and reactions for industrial applications ranging from air flow over an aircraft wing to combustion in a furnace, from blood flow to semiconductor manufacturing, and from clean room design to wastewater treatment plants.

The integration of ANSYS FLUENT into ANSYS Workbench, provides users with superior bi-directional connection to Autodesk® Inventor®, powerful geometry modification with ANSYS DesignModeler and advanced meshing technologies in ANSYS Meshing. It also allows data and results to be shared between applications using an easy drag-and-drop.

These benefits, combined with an extensive range of physical modeling capabilities and fast and accurate CFD results, make it one of the most comprehensive software packages for CFD modeling.

Supported Languages:
English, French, German, Japanese

ANSYS, Inc.

Mechanical

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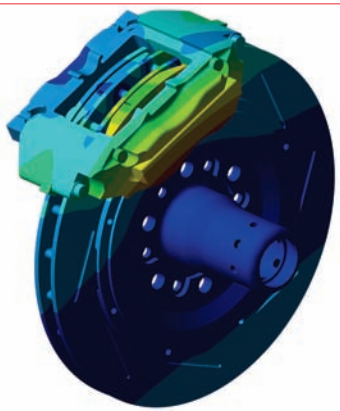


CAE

ANSYS Mechanical includes a full complement of nonlinear and linear elements, material laws ranging from metal to rubber, and a comprehensive set of solvers. It can handle complex assemblies - especially those involving nonlinear contact, and is ideal for determining stresses, temperatures, displacements and contact pressure distributions on all components and assembly designs.

ANSYS Mechanical offers the added advantage of fundamental matrix coupled-field (or multiphysics) studies involving acoustic, piezoelectric, thermal/structural and thermal/electric analysis. These studies help engineers by giving them a greater understanding of how well their models react to common combinations of phenomena. For even more multiphysics studies including fluid flow, and high- and low-frequency electromagnetics, look into the ANSYS Multiphysics package.

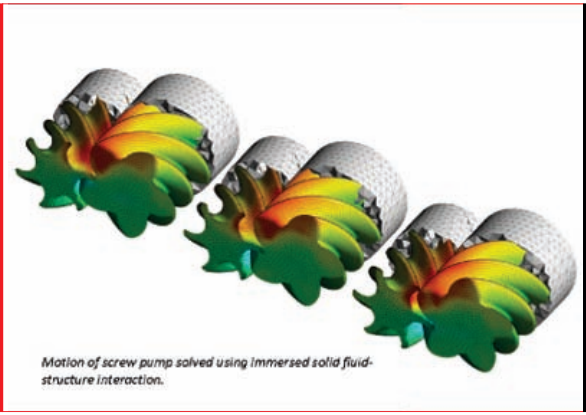
Hosted within ANSYS Workbench, ANSYS Mechanical takes full advantage of the bi-directionally associative Geometry Interface for Inventor. This Interface facilitates the seamless transfer of geometry between Autodesk® Inventor® and ANSYS Workbench, allowing users to update the geometry based results from the analysis.

Supported Languages:
English, French, German, Japanese

ANSYS, Inc.

Multiphysics

CAE



Motion of screw pump solved using immersed solid fluid-structure interaction.

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ANSYS Multiphysics provides the analysis industry with extremely advanced coupled physics technology within a unified simulation environment, allowing engineers and designers to evaluate their designs operating under real-world conditions. This solution enables engineers and designers to simulate the interaction between structural mechanics, heat transfer, fluid flow, acoustics and electromagnetics all within a single software product.

ANSYS Multiphysics delivers two proven solution techniques for solving coupled-physics problems: the directly coupled-field elements and the ANSYS Multi-field solver.

The ANSYS Multi-field solver provides robust implicit sequential coupling for solving problems such as fluid-structure interaction and induction heating. Whereas, the directly coupled-field elements provide both matrix and load vector coupling for solving problems such as Joule heating and electrostatic actuation.

Together, the two solution techniques in ANSYS Multiphysics provide the appropriate solution technology to solve an extremely broad range of industry applications.

Hosted within ANSYS Workbench, ANSYS Multiphysics takes full advantage of the bi-directionally associative Geometry Interface for Autodesk® Inventor®. This Interface facilitates the seamless transfer of geometry between Inventor and ANSYS Workbench, allowing users to update the geometry based results from the analysis.

Supported Languages:
English, French, German, Japanese

COMSOL, Inc.

COMSOL Multiphysics

COMSOL, Inc.
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Burlington, MA 01803
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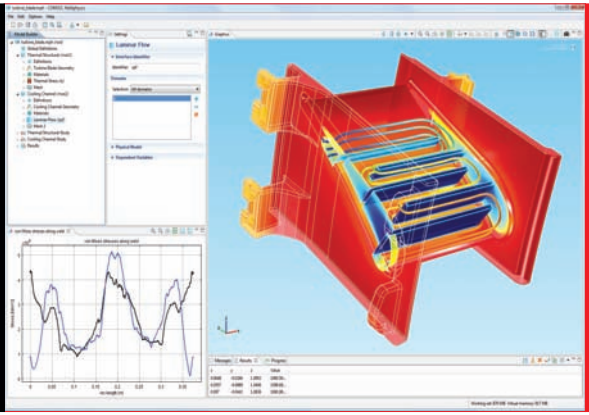
Email: info@comsol.com
Web: www.comsol.com



CAE

In today's fast-paced research and development culture, simulation power provides a competitive edge. COMSOL Multiphysics delivers the ideal tool for building simulations that accurately replicate the important characteristics of designs.

From its inception, COMSOL was designed to address multiphysics problems to help predict what will happen to the desired level of accuracy. The software starts with first principles like transport phenomena, electromagnetic field theory, and solid mechanics as basic fibers. Then, in a practical and flexible user interface, these woven fibers can be arranged together in a self-consistent way to solve specific simulation needs. The end result of this is a model that can be trusted, since there is complete control over every aspect of the underlying physics.

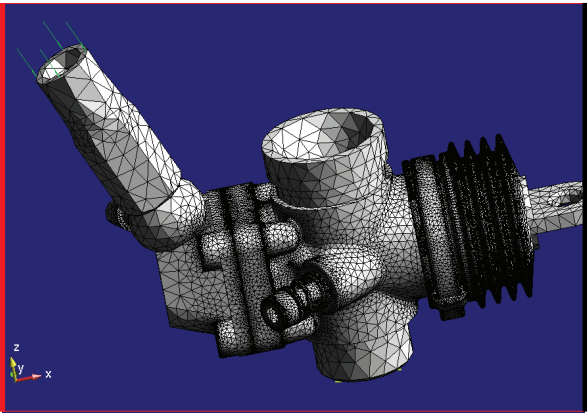
COMSOL's product suite offers a variety of application specific modules including: RF, Plasma, Structural Mechanics, Acoustics, CFD, Chemical Reaction Engineering, Batteries & Fuel Cells, and more. Additionally, the product line also includes tools, such as LiveLink™ for Autodesk® Inventor® to allow a seamless integration of CAD. By establishing an associative connection between the two applications, a change of a feature in the CAD model automatically updates the geometry in COMSOL Multiphysics, while retaining physics settings.

Supported Languages:
Traditional Chinese, Simplified Chinese, English, French, German, Italian, Japanese, Korean, Spanish

Concurrent Analysis Corporation

CAEFEM / Lumino for Inventor

CAE



Concurrent Analysis Corporation (CAC)
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CAC is Autodesk's Developer Partner.

The CAEFEM / Lumino Software Suite provides the fastest, reliable and accurate simulation of CAD models for designers and engineers to validate their design at all stages of the design phase. Its speed and accuracy is leveraged by many users worldwide for building and simulating large models with tens of millions of degrees of freedom in end-to-end virtual prototyping. The simulation suite utilizes the rich history of CAEFEM over a period surpassing 18 years as industry's first complete FEA suite to be developed in object-oriented language on Window's platform.

CAEFEM / Lumino Software Suite is compatible with Autodesk® Inventor® by utilizing CAD links and dedicated DLL's. It supports parts and assemblies for structural, thermal, thermomechanical and dynamics simulations in the linear and nonlinear regimes.

Supported Languages:

- CAEFEM / Lumino Suite's GUI supports any local language through external resource files (for GUI as well as analysis results)
- Currently CAEFEM analysis is available in English & Japanese languages

HUMAN SOLUTIONS GmbH

RAMSIS® for Autodesk® Factory Design Suite

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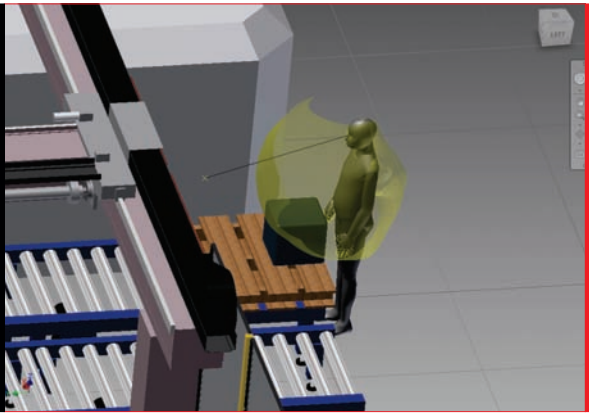
Web: www.human-solutions.com



CAE

HUMAN SOLUTIONS

RAMSIS®, one of the world's leading software solutions for ergonomics, is now available for Autodesk® Inventor® and Autodesk® Factory Design Suite. Users can perform ergonomic analysis for factory planning and workplace layout.

Features include the fast generation of manikins based on gender and international databases, view analysis, reach analysis, integration of standards like REFA, NASA, NIOSH and max force analysis helps users perform optimal reachability and simulate operability of all operating controls.

With RAMSIS® fully integrated in Autodesk® Inventor® and Autodesk® Factory Design Suite, the human being can be incorporated in the early stages of planning and product development. By integrating human beings into the process chain from the development stage all the way through to production, conceptual decisions and product revisions can be made more easily resulting in time and cost savings.

Supported Languages:
English, German

ACATEC Software GmbH

spyydmaxx® Enterprise

Specialized Design Tools

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ACATEC®
rapid sales & engineering

spyydmaxx® Enterprise is a modular and object based configuration and process automation solution for individual investment goods.

Individual non-standard products require considerable processing time during order acquisition (sales) and order fulfillment (engineering). spyydmaxx® Enterprise is an application suite which solves this problem by capturing and re-using the knowledge and rules of the sales and engineering processes. It enables faster configuration and generation of business-to-business custom products, design data, manufacturing data and quotes. With the automation that spyydmaxx® Enterprise provides, companies can ensure consistent quality of automatically generated product data - such as quotations, data sheets, 3D CAD assemblies, 3D CAD parts, drawings, bill of materials, orders, etc.

With spyydmaxx® Enterprise companies create their knowledge base with a powerful authoring system that does not require any programming effort. Even the graphical user interface (GUI) is implemented with a graphics editor that provides “wysiwyg” (what you see is what you get) capabilities. This powerful application suite gives companies the ability to increase the re-use of existing components and data by easily maintaining and updating configurators and automation solutions. As a result, companies save time and money.

Supported Languages:
English, German

AutoForm Engineering GmbH

EasyBlank Inventor

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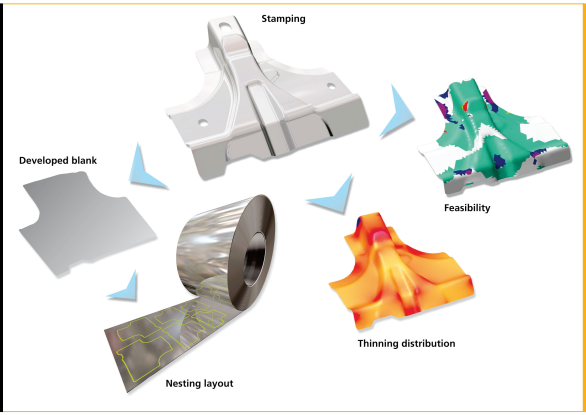
Phone: +41 43 444 61 61
Contact: Dr. Markus Thomma
Email: markus.thomma@autoform.com
Web: www.autoform.com



Specialized Design Tools

AUTOFORM
Forming Reality

EasyBlank Inventor is an add-on module to Autodesk® Inventor®, specially designed for sheet metal part designers, tool and die designers, and tool cost calculators. Using the well known AutoForm simulation technology, it rapidly calculates the developed blank outline from CAD part geometry. EasyBlank Inventor also specializes in determining the optimal nesting layout while taking into account several important parameters such as coil width, pitch or required bridge span. Several types of nesting layouts are available to users. The material data base, which includes additional important parameters for the most commonly used materials in stamping, is already incorporated in EasyBlank Inventor.

In addition to these innovative features, EasyBlank Inventor also enables users to assess product feasibility. Since cost reduction is ultimately required at every stage of product development, early feasibility assessment eliminates costly late changes to part design and thereby enables the early optimization of material cost.

The analysis results are summarized in an HTML-based report which contains detailed information on blank outline, optimal nesting layout, material consumption and cost, thinning distribution of the part, feasibility plot and the associated FLD diagram. EasyBlank Inventor enables the easy and rapid creation of such reports, which facilitate internal communication and are useful for quotation purposes. The benefits for users are manufacturability analyses, early cost, optimal material usage and minimization of scrap and costs.

Supported Languages:
English, German

CADBAS GmbH, Teilevielfalt Wissen Innovationen

PartExplorer

Specialized Design Tools

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Kruppstraße 86
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Phone: 49 201 24723-0
Contact: Andreas Lewandowski
Email: cadbas@cadbas.de
Web: www.cadbas.de

CADBAS-PartExplorer is a powerful and extremely flexible part management solution. You can use it as a standard part system or as an all-in-one system to easily find, re-use and control parts. PartExplorer gives you the ability to manage and optimize the handling of all parts - reduce part volume, maximize re-use, automatically classify parts and avoid waste by finding duplicate and similar parts.

PartExplorer fully integrates with your ERP-, PDM, and CAD-environment so that you can quickly and intuitively find what you are searching for - either by ERP-/PDM-data, classification properties or 3D-shape (geometrical search). Avoid unnecessary new parts by finding existing parts for re-use and save time and money.

PartExplorer comes with a complete classification structure for immediate use or to use as a basis for company tailored expansion. All of your re-usable make or buy parts will find their way by automatic classification into the right class. This guarantees their re-use.

PartExplorer also contains a standard part and catalog part library. You will never have to manually draw such parts again.

Supported Languages:
German, English, French

CADENAS GmbH

PARTsolutions

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Web: www.cadenas.de

Specialized Design Tools

The enterprise
CADENAS is a leading software manufacturer in the area of strategic parts management and parts reduction (PARTsolutions) as well as electronic CAD product catalogs (eCATALOGsolutions). With its customized software, the company acts as a link between component manufacturers, their products, and their buyers.

Expertise
Over 150 of the top 1,000 global players from Germany rely on the Strategic Parts Management PARTsolutions by CADENAS. As much as seventy percent of the overall product costs are allocated in the planning and development phase. Deploying strategic parts management has a dramatic impact on reducing product lifecycle costs, while managing components and standard parts.

In today's competitive business environment, customers demand an endless array of configurable and custom products on a timely basis and the strategic parts management system from PARTsolutions makes it easy for design teams and customers to fulfill those needs. Users can reduce and manage components and standard parts easily by finding, reusing and controlling standard and commercial parts.

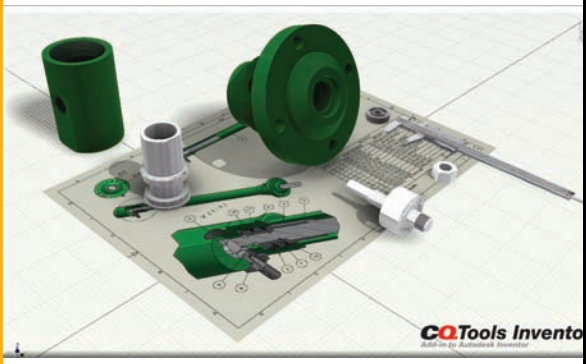
Seamlessly integrated into the product lifecycle process chain, PARTsolutions makes it possible to leverage design data across the extended enterprise. With CAD and ERP integration, users can aggregate data from other systems directly and have all the information they need in one place for part research and selection, creating fast, easy and efficient strategic parts management.

Supported Languages:
Chinese, Czech, English, French, German, Italian, Spanish, English, German, Japanese

CAD-Q

CQTools® Inventor

Specialized Design Tools



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CAD-Q

CQTools®, developed by Cad-Q, is a product portfolio of solutions that increase efficiency and improve workflow for Autodesk products.

CQTools® Inventor is a toolbox to extend and simplify your practical use of Autodesk® Inventor®. The toolbox is customer-driven and developed over time with input from several industries, including oil and gas, international engineering and manufacturing.

CQTools® Inventor offers a better way to enter and share information for your Inventor models. With easy access to all your properties, and a easy way of building and storing description templates, it is a very effective and time saving software tool. The navigator registers and stores several values from the model and makes them availiable to insert in description strings for any iProperty.

Other features include: ERP connection directly from Inventor, automatic drawing creation from models, automated CNC files from Sheet metal, automatic dwf, dwg, dxf and pdf creation. All features are very configurable to suit your needs. Some functionality is standard and some features offer advanced configuration.

The CQTools® Inventor tool is recommended both for single users to extend the speed of modeling, and of course for corporate use in network environments. The most valuable benefit is the way CQTools® creates best practices for modeling and drafting in a company and maintains uniform Inventor models throughout the whole organization.

Supported Languages:
English

CFturbo Software & Engineering GmbH

CFturbo

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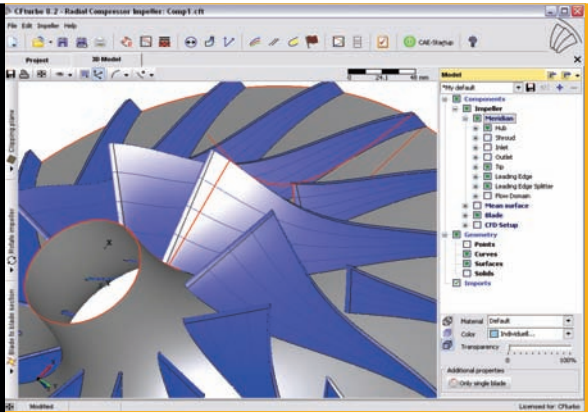

Specialized Design Tools

CFturbo®

CFturbo is a powerful software program for interactive design of turbo machinery components for pumps, ventilators, compressors and turbines. It enables fast generation of new, high-quality turbo machine geometries. It also substantially increases the performance of product development by allowing the seamless integration of the models into a CAE driven design and optimization process.

CFturbo is easy to use software that enables the designer to either start from scratch and build a new design or simply redesign existing impellers and volutes. The software guides the user stepwise through the required procedure of the design process. A primary design is generated automatically, which can be changed in every detail by the user.

CFturbo includes several interfaces to established CAD and CFD packages. It can optionally be extended using special functions according to customers' requirements.

Supported Languages:
English

Concept North

Siqnal

Specialized Design Tools

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Siqnal - PDM Software is a PDM system for materials management - targeted for small to medium companies in the fields of engineering, production and sales. Siqnal - PDM Software is different from other PDM systems given its ability to create and maintain high-quality quotes, orders, bills of materials, inquires and purchases - all based on strict rules and formulas. The bill of materials is fully integrated with Autodesk® Inventor®, See the information page http://www.siqnal.com/InventorIntegrator.

Siqnal - PDM Software is the most cost effective PDM system on the market today and is designed to support your internal business processes and optimize the resources of your employees. Siqnal - PDM Software is your next material management system - it can control your material flow end-to-end from the initial stock registration or purchase of materials, to shipment to your construction site or customer.

Supported Languages:
English

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clever

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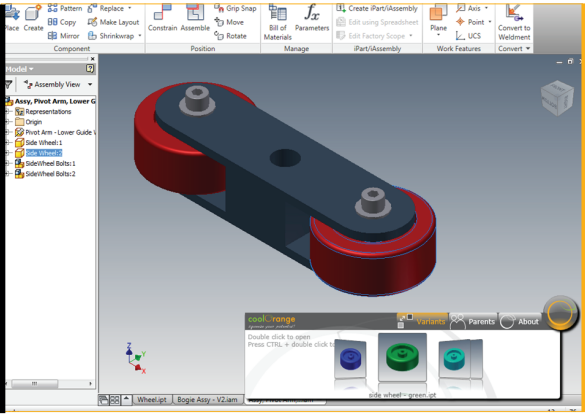


Specialized Design Tools

coolOrange
squeeze your potential!

coolOrange helps Autodesk customers become more efficient and productive by delivering innovative products like clever, as well as services and training through Autodesk resellers.

clever is your personal assistant within Autodesk® Inventor®. Select a component within Inventor and immediately see where it is used or which copies/variants are available - all from within Inventor! clever gives you an instant overview of the impact of changing your model. Accessing related drawings and models was never that easy. You can quickly test different variants. Just select the component, see the available copies/variants, and replace one with the other with one click. Or even better - replace components within a drawing view and you'll see just how easy it is to reuse drawings and reduce time.

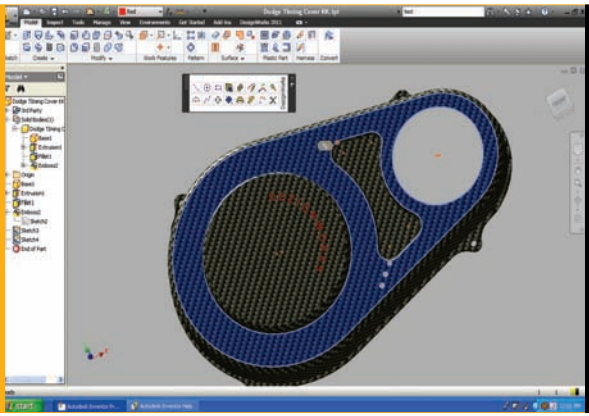
clever speeds up the access to related files, simplifies typical file operations and offers new ways of working. Installing clever is very simple. Just download clever and start Inventor - there's no need for database or other infrastructure. clever learns while you work. It captures the files of the project you are currently in. The more you work, the more clever it becomes.

Supported Languages:
English

Creative Dezign Concepts

DezignWorks for Autodesk® Inventor®

Specialized Design Tools



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Web: www.dezignworks.net

DezignWorks is a widely used reverse engineering product designed for Autodesk® Inventor®. DezignWorks automatically creates 2D and 3D features and does Interactive editing and creation of sketch entities (lines, arcs, curves, splines, points and planes).

The program incorporates its own intelligent extrude command, digitizes the shape of your part and selects the designated height or depth to create a 3D solid. A forte of DezignWorks is the ability to create complex 3D shapes. Single or multiple planes are selected and by simply moving the digitizer back and forth across the planes or faces, the 3D designs are made. DezignWorks captures the continuous movement of the device and allows interactive editing of complex curves. Data can be added or subtracted during or after the operation. DezignWorks ensures that all geometric elements are parametric, fully editable, and conforming to the feature-based intelligence of Inventor. DezignWorks Pro also validates. By measuring surface deviations and reporting the results, DezignWorks assures that models are accurate and able to meet user specified tolerances.

Because of its seamless integration within the Inventor environment, DezignWorks allows for an extremely quick learning curve. Current Inventor users are productive with DezignWorks after minimal training, due to the depth of integration and the native look and feel of DezignWorks menus and toolbar.

DezignWorks has proven compatibility with articulating digitizing devices, such as Romer, Faro, MicroScribe, Baces and Nikon.

Supported Languages:
English

data M Sheet Metal Solutions GmbH

COPRA® MetalBender Analyser-i

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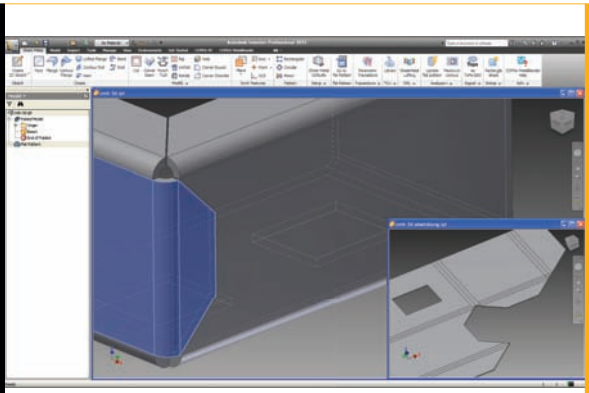


Specialized Design Tools

data M Sheet Metal Solutions

COPRA® MetalBender Analyser-i helps you perform precise flat-pattern calculations with a single button click. The Analyser-i is the logical enhancement of the flat-pattern calculator included in Autodesk® Inventor®. The Inventor calculator is based on data M Sheet Metal Solutions engineering technology, so you can be assured of quality and compatibility.

Newly created, imported rounded, sharp-edged or combined parts can be easily unfolded. The flat pattern calculation inside the Inventor workflow provides an associative flat pattern. Extended calculation methods, like DIN, machine data and neutral line as well as automatic corner and bending zone relief cuts are also available. Flat patterns can be easily exported via the interfaces to DXF, Cybelec and ToPs. Tools for optimizing laser cutting and calculating tube laser cutting are also included.

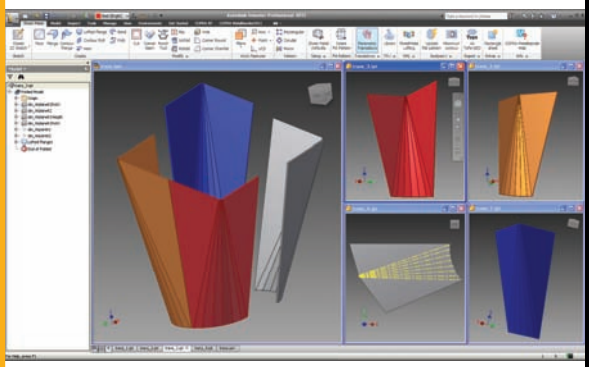
For detailed information, please visit our website:
http://www.copra-metalbender.com

Supported Languages (for Product):
English, German

data M Sheet Metal Solutions GmbH

COPRA® MetalBender TD-i

Specialized Design Tools



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data M
Sheet Metal
Solutions

COPRA® MetalBender TD-i provides additional functionality to maximize efficient sheet metal design in Autodesk® Inventor®. All COPRA® MetalBender commands are integrated in the native Inventor "SheetMetal" environment and easy to use. For Parametric Transitions, basic contours like circle, rectangle and filleted rectangle are available and can be combined with the required dimensions. Depending on the defined cut positions, different parts can be obtained all automatically positioned in an assembly. Individual flat patterns can be created for each single part, and with the help of ToPs-Interface, the information on the flat pattern can be exported to the specific ToPs format.

Necessary modifications of the full parametrical model can quickly and easily be achieved by changing the dimensions of the defining parameters in a dialogue box. The assembly with all associated parts will be automatically updated to the new dimensions. The additional TD-i library consists of standard parts as used in HVAC applications. For heating, air-conditioning and ventilation application, where it is often necessary to design 3D parts consisting of two different contours, a special sheet metal lofting command is available.

For detailed information, please visit our website:
http://www.copra-metalbender.com

Supported Languages (for Product):
English, German

DatapointLabs, LLC

TestPaks

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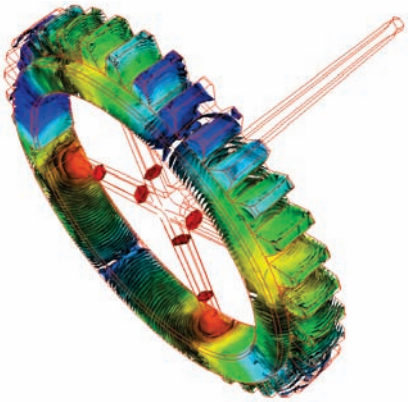


Specialized Design Tools

DatapointLabs

DatapointLabs is an established material testing company supporting the design and product development community with services for plastics, rubber, composites, foam, ceramics, food and metals. Fully equipped with modern instruments and skilled personnel, DatapointLabs excels in analyzing the physical properties of materials in the solid and melt state, including mechanical, rheological, thermal, pvT, DMA, impact, fatigue, and creep.

DatapointLabs meets the material property needs of CAE/FEA analysts with a specialized product line called *TestPaks*. *TestPaks* allows its users to order all the material testing needed for their CAE, and receive complete material models in digital format, ready for import directly into Autodesk® Moldflow and Inventor wherein Clients receive test results in digital format from www.matereality.com. The digital data includes raw data and Moldflow-ready udb files.

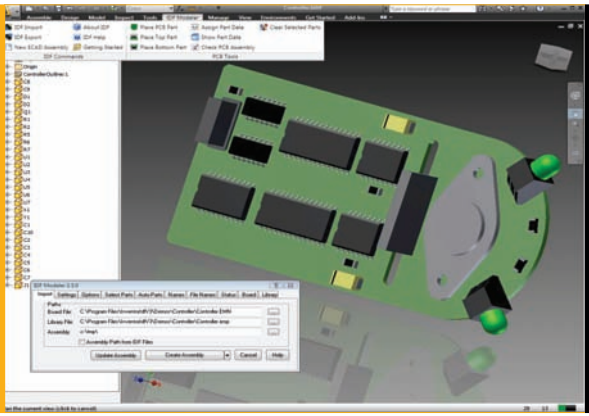
DatapointLabs serves a client base of over 600 companies in ten manufacturing verticals spanning every industry segment such as materials, consumer products, automotive, electronics, biomedical, aerospace and defense, energy, appliances, food and toys, where the quality product development occurs and more than 1000 materials are tested each year.

Supported Languages:
English, German, Greek, Italian, Japanese, Turkish, French

Desktop EDA

Inventor IDF Modeler

Specialized Design Tools



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Printed Circuit Boards (PCB) are typically designed using specialized PCB design tools such as PADS, P-CAD or Altium Designer. These are inherently two dimensional and incompatible with 3D CAD systems. The IDF standard provides a means of interchanging design data between PCB CAD systems and Mechanical CAD systems.

The Inventor IDF Modeler uses the IDF standard to create 3D PCB assemblies in Inventor. Creating a 3D PCB assembly and placing it into the product assembly allows designers to identify mechanical design errors early in the design process when they can be easily corrected.

The IDF Modeler also allows users to make design changes to the PCB in Autodesk® Inventor®, create new IDF files and automatically communicate those changes back to the PCB design system.

The Inventor IDF Modeler has been tested with Allegro, Altium Designer, Mentor, ORCAD, PADS, P-CAD, Protel, and Zuken. The product includes an option for PADS users to read/write PADS ASCII files to/from an Inventor Assembly, bypassing the need for the PADS IDF Link.

Supported Languages:
English

Digital Manufacturing Solutions Inc. DMSI

Validus

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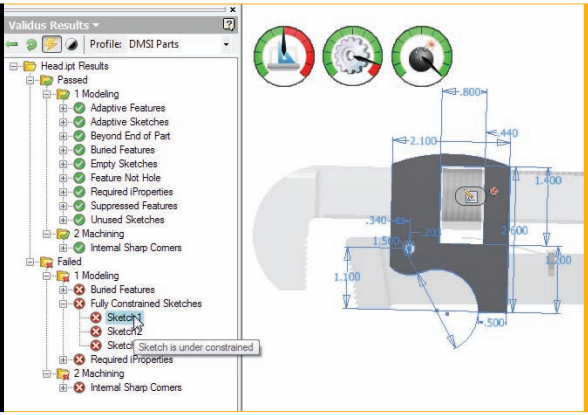


Specialized Design Tools

DIGITAL MANUFACTURING SOLUTIONS INC.

The Validus suite of Standards Checking includes Modeling, iProperty, Machining, Drawing and Assembly checks ensuring that users adhere to company and customer design standards with real-time feedback from indicators. The results of these customized checks can then be utilized in Autodesk® Vault.

Validus delivers configurable checks for the most common Modeling, Machining, Drawings and Assembly standards. These checks are defined by the user and saved within a profile, for each of the Autodesk® Inventor® environments.

Validus comes with many pre-defined checks but there will frequently be additional unique check requirements within a company. When a Custom check is required, Validus utilizes iLogic to create rules and link them to the indicators and feedback tree seamlessly.

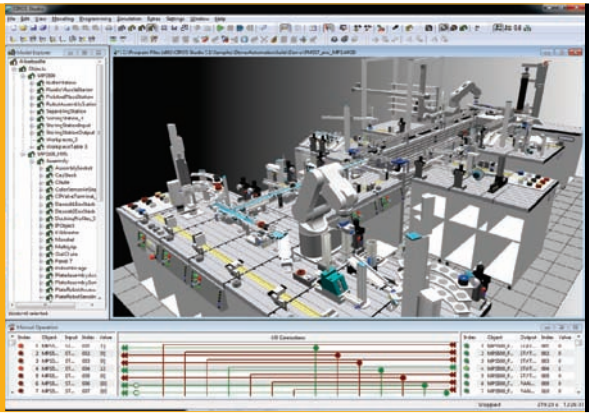
Validus Enterprise places all check information into Vault so there is more control over the databy quickly finding Validus results for any Inventor file checked in. In addition it also allows batch processing of Validus checking, use of the Job Queue and the development of analytics.

Supported Languages:
English

RIF

CIROS Studio

Specialized Design Tools



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CIROS Studio is for all manufacturing industry users who need virtual engineering support for the planning, programming, control, simulation, and commissioning of their machines and production lines.

CIROS Studio is a professional solution for any 3D simulation and virtual engineering task, and is customizable according to the customer's specific requirements by adding extensions to the basic modules. These tools optimally support all phases in production line development from layout planning and program creation to the commissioning and operation of the real production system. The workflow is easily adaptable to the existing organizational structures of any enterprise.

By providing a single tool for the complete development process, CIROS Studio significantly reduces the time that engineers need to plan, program and commission machines and production plants. With its integrated engineering approach, the tool acts as a conjunctive element for the operative work flow across divisions and project steps. Research has concluded that the true-to-life virtual commissioning capabilities of the system result in a much earlier start of production and even more savings regarding development cost and time.

CIROS Studio runs as a stand-alone application. Data exchange with Autodesk® Inventor® plug-in that can export Inventor assemblies to the CIROS native format.

Supported Languages:
English, German

FCC Software AB

AutoPOL Piper for Windows

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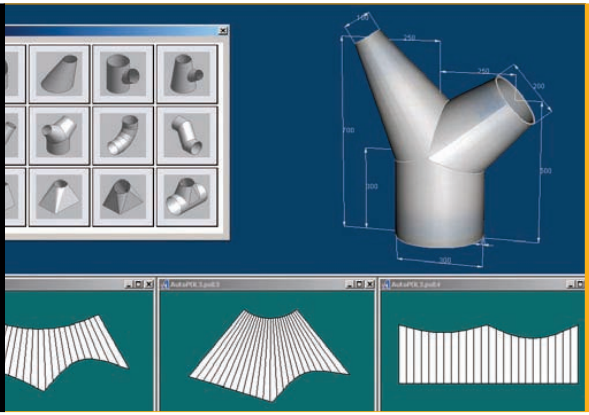


Specialized Design Tools

Easy creation of standard sheet metal models
AutoPOL Piper for Windows is the easiest possible way to create 3D models with flat patterns for production. All you need to do is select what model you want to create, enter dimensions, and generate the flat pattern. The result is then exported as a DXF file to your NC system.

Models made for manufacturing
Everything that is created in AutoPOL Piper is done with regard to how the parts are manufactured. For example, you will not get any parts that require cross bending, which is very common when parts are designed in a regular CAD system. Another important fact is that you will always get DXF files where all spline entities are converted to arcs, lines, or circles.

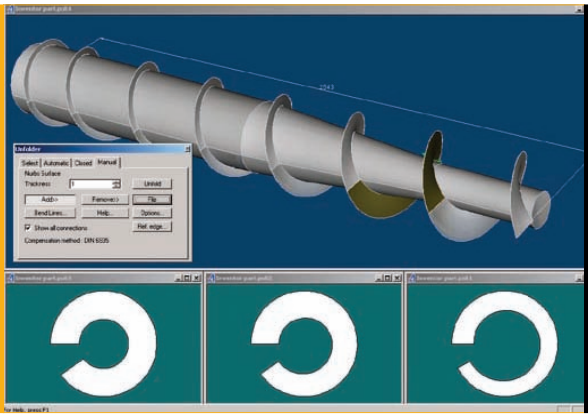
Compatible with Sheet Metal Machinery
AutoPOL is compatible with many of the major sheetmetal machinery systems. This means that it communicates directly with NC systems for pressbrakes, cutters, punch presses, and offline programming software, thus saving a lot of time.

Supported Languages:
Chinese, English, German, Japanese, Swedish

FCC Software AB

AutoPOL Unfolder for Windows

Specialized Design Tools



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FCC Software
Falköping CAD-CAM Software AB, Sweden

Sheet Metal Unfolding of complex models
AutoPOL Unfolder for Windows can solve everything - from simple models with elements like regular bends to more complicated free-form models. Examples are non-concentric cones and transitions.

Integration with Autodesk® Inventor®
AutoPOL Unfolder for Windows is integrated with Autodesk® Inventor® and instantly opens up the model you are working on. Users simply select the model they want to unfold and click Exchange. The calculated flat pattern is “exchanged” to Autodesk® Inventor® in the same way.

Models that can be unfolded with AutoPOL Unfolder
No single-curved model is too complicated for AutoPOL Unfolder for Windows. It can be used for all models manufactured in press brakes or by rolling – regardless of whether it is created as a surface or a solid.

Compatible with Sheet Metal Machinery
AutoPOL is compatible with many major sheet metal machinery systems. This means that it communicates directly with (NC) systems for press brakes, cutters, punch and offline programming software, thus saving a significant amount of time.

Supported Languages:
Chinese, English, German, Japanese, Swedish

Festo AG & Co. KG

New digital product catalogue on the Internet and DVD

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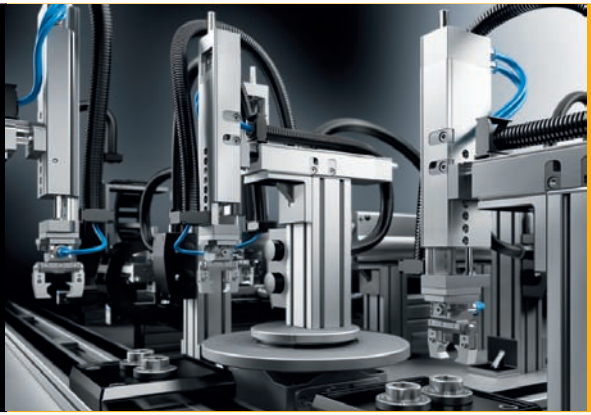


Specialized Design Tools

FESTO

Festo is a leading world-wide supplier of automation technology and a performance leader in industrial training and education programs. Via the Festo product catalog DKI on the Internet and DVD, we offer hundreds of thousands of variants 2D/3D CAD data in different file formats for more than 25,000 products.

CAD data are available for simple products as well as for complex systems such as completely free configurable drives, service units and valve terminals. These 2D/3D CAD data are function based and simplified geometrically without details inside, but with movable components like a moveable piston rod for direct use within your application.

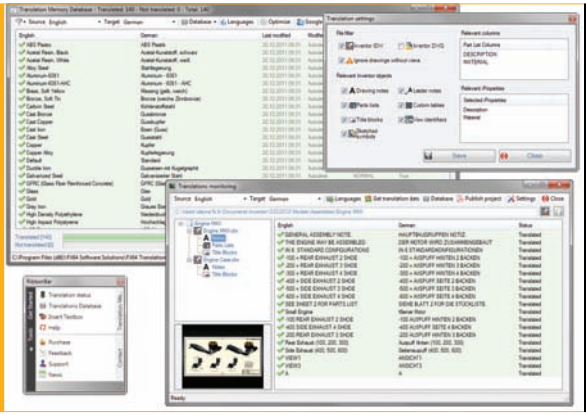
Our CAD library is based on CAD technology powered by the company Cadenas and is fully compatible with Autodesk® Inventor®.

Supported Languages:
Bulgarian, Czech, German, English, Spanish, French, Croatian, Hungarian, Italian, Japanese, Korean, Lithuanian, Latvian, Dutch, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Swedish, Turkish, Chinese CN, Chinese TW

FX64 Software Solutions

FX64 Translation Memory Manager

Specialized Design Tools



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The FX64 Translation Memory Manager is designed to translate Autodesk® Inventor® drawings into other languages. The program is capable of extracting all relevant text elements from Inventor drawings. The program gives users the flexibility to browse individual drawings - or even multiple drawings within a specified folder structure.

Users can define what types of text objects they want the program to search for and the text is added to a database structure. The tool provides an easy to use dialog and users can choose to translate the text directly or export into a MS Excel spreadsheet. After the external translation, all the text can be easily re-imported into the database.

The program includes utility functions such as the ability to automatically recognize repeated numerical variables occurring in various text and a function for translating selected text with Google Translate. The correction of a machine translation is often significantly faster than manual translation of text.

With just a few key strokes, a user can then create translated copies of the original drawings in which the text elements are replaced by the translations from the database.

In addition, the program contains a function to directly send the translated drawings to FX64 Plot to convert and/or plot the files (for customers using that program).

Supported Languages:
English, German

FX64 Software Solutions

FX64 iProperties

FX64 Software Solutions
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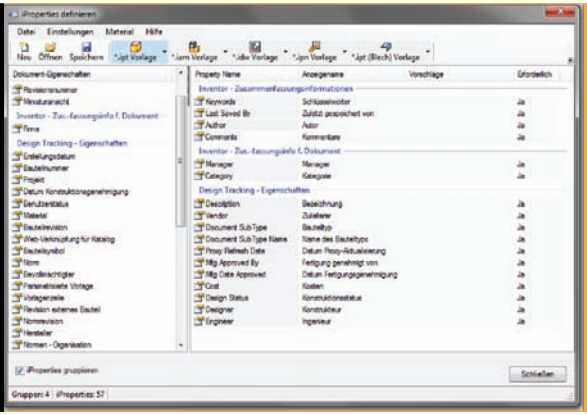


Specialized Design Tools

With FX64 iProperties you can easily manage the iProperties of all your Autodesk® Inventor® documents. The program supports different property set configurations for all Inventor document types and it differentiates between plain part documents and sheet metal part documents. Each of the configuration files can contain different sets of iProperties. You can create new configuration files based on the existing configurations and extend or modify them as needed. These configuration files can be applied to other machines where FX64 iProperties is used so that you can keep the iProperties in all your construction documents on a common standard.

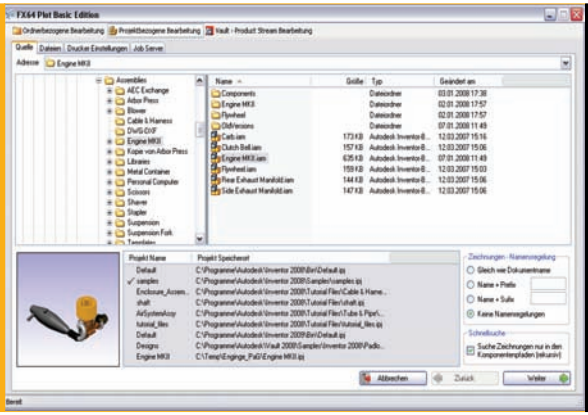
Once you have defined all iProperties for a specific document type you can provide multiple preset values that can be selected from a list later on when the iProperties are written to the document. This means you can provide typical suggestions for common iProperties-and the user has the option of picking one of those preset values or typing in a new value. In addition, the Program offers a number of predefined variables that represent various properties of the drawing or model, e.g. the variable for "part volume" is replaced with the part volume from the model's physical properties.

Supported Languages:
English, German

FX64 Software Solutions

FX64 Plot

Specialized Design Tools



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FX64 Plot enables concurrent plotting of multiple documents with just one configuration. Another important feature is that FX64 Plot doesn't work from IDW to assembly as usual, but the other way from assembly to IDW. Just one click makes it possible to list every associated IDW of one assembly. The IDW files don't need to be in the same folder as the assembly and they needn't have the same name.

The configuration provides the ability to customize different plotters. The drawings are sent in batch mode to the right plotter, according to their format.

In addition to its plotting functionality, FX64 is also a data-converter. It is possible to plot and convert into exchange formats like PDF, TIFF and DWF as well as into processing formats like DWG and DXF. For converting into DWG-format a company's own specific ini-file could be considered and a rectification of rejects could therefore be avoided. The conversion into PDF files is enabled by the FX64 PDF driver which is automatically customized on installation. It is not necessary to install additional software to create PDF files.

Supported Languages:
English, German

FX64 Software Solutions

FX64 LambdaSpect

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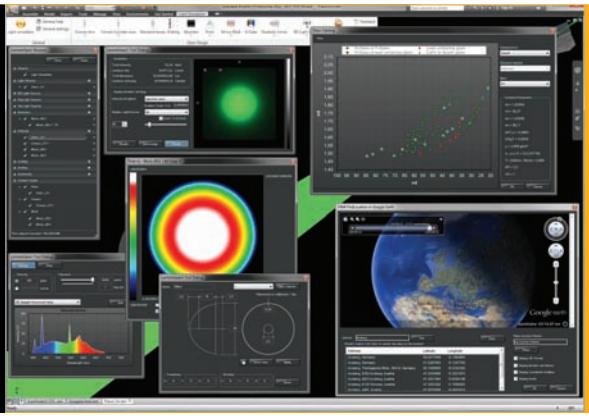


Specialized Design Tools

Many branches of today's manufacturing industry have a growing need for software that can simulate realistic behavior of light in digital prototypes. LambdaSpect allows you to create better digital prototypes with Autodesk® Inventor® wherever you need to simulate the distribution of radiation.

With LambdaSpect you are able to:

- Define any geometry as emitting surface with custom spectrums defined down to single wave lengths.
- Extend your models and environment with extended optical properties needed for correct interaction with the simulated light.
- Use an extended glass library with many glasses. The meaningful diagrams help you choose the right glass for your purpose.
- Simulate the light propagation within your system and measure the results immediately.
- Use the implemented standard parts library with parts such as lenses, prisms, mirrors etc. The design assistant helps you to fit the parts to your needs, and to position them with direct access to translation and rotation data.
- Create animations of your system with simulated light distribution.
- Define your own parameters for specific coatings and use them to simulate effects like interpolation or scattering.
- Many more...

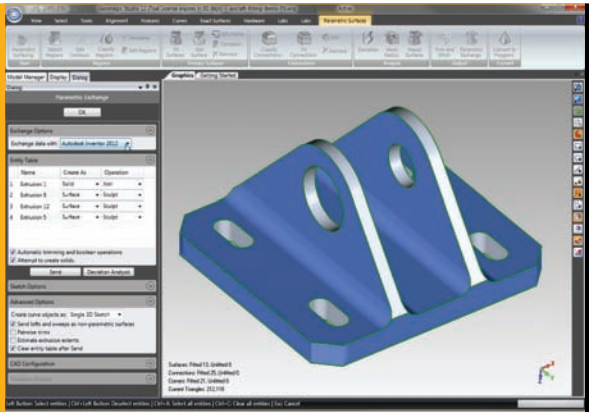
Start your virtual radiation lab this very day!

Supported Languages:
English, German

Geomagic Inc.

Geomagic Studio Parametric Exchange for Inventor 2013

Specialized Design Tools



Geomagic Inc.
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Contact: Sales
Email: inquiry@geomagic.com
Web: www.geomagic.com

Geomagic Studio transforms 3D scan data and polygon meshes into accurate, usable 3D digital models for reverse engineering, product design, rapid prototyping and analysis. The fastest way to convert 3D scan data into parametric models, Geomagic Studio directly integrates with Autodesk® Inventor®.

The software offers parametric modeling capabilities as well as features for capturing exact geometry, giving you the power and flexibility to choose the modeling method that works best for your application.

Supported Languages:
English, German, French, Italian, Japanese, Chinese (traditional & simplified), Russian, Czech, Spanish, Portuguese

Granta Design Limited

Eco Materials Adviser

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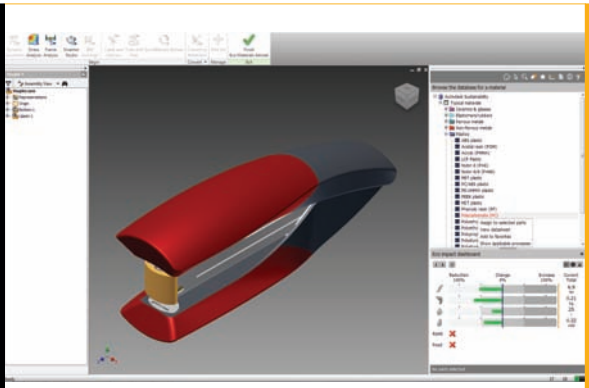
Web: inventor.grantadesign.com



Specialized Design Tools

Eco Materials Adviser enables you to access and apply high quality materials data within Autodesk® Inventor® and to optimize the environmental impact, cost, and performance of products.

Eco Materials Adviser is an easy-to-use, interactive tool within Autodesk® Inventor® software. You can access an authoritative source of materials property data from Granta Design and assign this data to your Inventor model, supporting product analysis. Environmental assessment tools allow you to predict key eco indicators, such as energy usage, CO2 footprint, water usage, and RoHS compliance. You can explore the impact of design changes on eco properties, cost, and performance. The Base Version is installed with Inventor. The Full Version adds a comprehensive database of 3,000 metals, plastics, composites, ceramics, and natural materials. It provides more in-depth analysis and supports larger assemblies. An Enterprise Version lets you access and use your company's own managed materials data.

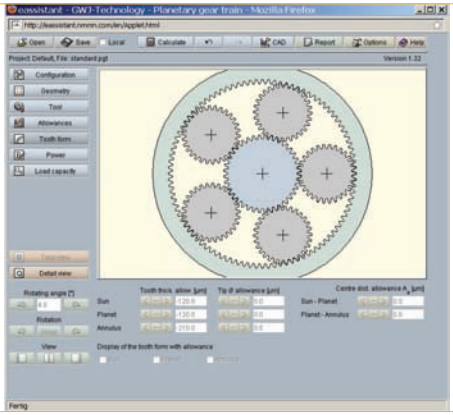
Eco Materials Adviser has been developed as a collaboration between Autodesk and Granta Design. It draws on Granta's unique and comprehensive library of materials information and innovative 'eco audit' technology. Granta are the materials information technology experts, a spin-out from Cambridge University co-founded by Professor Mike Ashby, author of the book “Materials and the Environment”. Granta provides tools to many world-leading engineering enterprises and develops eco design capabilities in collaboration with the Environmental Materials Information Technology Consortium, an international group of leading manufacturing companies.

Supported Languages:
English, French, German, Japanese, Korean, Chinese

GWJ Technology GmbH

eAssistant – the engineering assistant

Specialized Design Tools



GWJ Technology GmbH
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Germany
Phone: +49 531 12 93 99 0
Web: www.eassistant.de

eAssistant
the engineering assistant

The eAssistant is a web-based environment for mechanical calculations. The calculations can be saved on the eAssistant server or on the workstation and can be opened or assigned to the appropriate projects.

Various calculation modules are available for shafts, cylindrical and bevel gears, connections between shaft and hub, springs or toothed drive belts. Generally accepted standards and guidelines for the calculation are implemented extensively and are related to practice developments, e.g., the strength calculation of shafts is based on DIN 743.

The user-friendly calculation modules are characterized by intuitive handling and dimensioning functions, in particular, the interactive graphics in the shaft calculation. Here, different force elements and bearings are defined for the shaft calculation.

The calculation modules provide material and geometry databases and the user can select standard values during his work very easily. For a better view, the calculation results are graphically represented and all diagrams are quite descriptive. A simple mouse-click allows the display of appropriate values.

At the end of a calculation, an appropriate report is created in HTML or PDF format. The calculation report contains all input data and provides details on the calculation methods as well as the results.

Supported Languages:
German, English

ReverseEngineering.com

HighRES for Autodesk® Inventor®

ReverseEngineering.com
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Web: ReverseEngineering.com

Specialized Design Tools

HaloDECK, INC/ c/o HighRes, inc
REVERSEENGINEERING.COM

ReverseEngineering.com is a company dedicated to direct CAD reverse engineering and measurement software solutions worldwide. Right from the start, ReverseEngineering.com focuses on developing a revolutionary, integrated CAD/CAM reverse engineering technology.

Today, the revolution continues as ReverseEngineering.com is at the forefront of the next generation of digitizing with its newest product: the ReverseEngineering.com Integrated Point Processor (HIPP). ReverseEngineering.com is fully compatible with Autodesk® Inventor® enabling designers and engineers to perform real-world and AutoCAD reverse engineering. It is at the heart of the next digitizing revolution with future research and product development efforts concentrated on integrated photogrammetry, laser scanners and trackers.

ReverseEngineering.com's mission is making reliable CAD/CAM integrated reverse engineering solutions available to anyone, anywhere, anytime, on any device. Today, ReverseEngineering.com offers a comprehensive line of software for portable CMMs as well as manufacturing, design and engineering customers. Its products enable customers to create, integrate and deliver native CAD/CAM digitized content.

The company develops and markets plug-n-play software tool sets that easily translate raw digitized data from portable CMMs as native CAD/CAM entities, completely eliminating data translations issues applicable to reverse engineering applications.

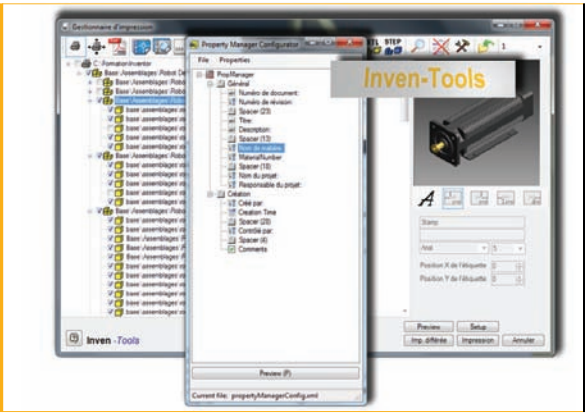
ReverseEngineering.com takes a modular approach, providing over 100 CAD/CAM integrated plug-n-play software tool sets, addressing the gamut of needs from entry-level to the most advanced, in their CAD of choice.

Supported Languages:
English

Hurni Engineering Sàrl

Inven-Tools

Specialized Design Tools



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Product web: www.hurni.ch/it
Web: www.hurni.ch

HURNI ENGINEERING

Inven-Tools provides users of Autodesk® Inventor® with not only a simple and efficient set of functionalities, but also substantial time savings during design work.

Key features:

- Management of i-Properties using a high-performance customizable tool.
- Automation and rationalization of exportation and printing tasks. Batch print and time-delayed printing tasks (e.g. during the night) supported. Exportation formats are: PDF, DWG, DWF, DXF, STEP, SAT, IGES, STL, BMP, JPG, GIF, PNG and TIFF.
- A tool for renaming the occurrences in an assembly tree view. The naming of occurences is composed by chosen properties and a separator.
- Copying and replacing an occurrence in an assembly.
- A mass center showing tool including mass center coordinates.
- Copying a drawing and its associated part.
- Hiding of parts in an assembly based on volume, weight, area or according to certain properties.
- Automatic creation of files to DWF / DXF / PDF formats. When this option is activated, whenever you save a drawing, a file will be generated for each selected format.
- A “one click” image exporter.
- Automatic creation of scale and printing date i-Properties in drawings.

Supported Languages:
English, French, German

Hurni Engineering Sàrl

Inven-Tools Watch

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Product web: www.hurni.ch/it
Web: www.hurni.ch

Specialized Design Tools

Inven-Tools Watch is an extended version of Hurni Engineering's Inven-Tools product. It includes all the Inven-Tools functionality plus special tools designed for the watchmaking industry. Its effectiveness saves valuable time!

Inven-Tools Watch's functionalities include:

- Creation of table of coordinates in drawings, with duplication of the coordinates notes to other views. Any point whatsoever can be designated on the part or assembly.
- A special tool to directly dimension the thickness, height and depth of selected faces.
- Importation / exportation of toothed wheels, toothed racks, cams and hearts.
- Dials creation (indexes, Roman and Arabic numbers and tachometers). Counterclockwise and retrograde dials creation is possible.
- VideoCAD's DXF exportation. Export an Autodesk® Inventor® drawing to DXF format with all the information needed by VideoCAD software.
- Creation of NIHS toothed wheels and pinions, based on iLogic templates.
- Assembly's components board generation with fully customizable layouts.
- A standard components library and a textures library are also included.

Supported Languages:
English, French

INUS Technology, Inc.

Rapidform XOR

Specialized Design Tools

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Web: www.rapidform.com

RAPIDFORM

Rapidform XOR is a complete software application for creating CAD models from 3D scanning. With Rapidform XOR, you can open data from any 3D scanner and quickly create editable, parametric solid models of virtually any physical object. These models can be transferred from XOR into AutoCAD® and Autodesk® Inventor® with complete feature trees intact. Rapidform is the only software that combines 3D scan data processing with sketching and solid modeling capabilities, making it easy to create high quality, ready to manufacture CAD models. A U.S. Air Force commissioned study recently found that Rapidform XOR is "the only viable choice for parametric" reverse engineering. Learn more at www.rapidform.com.

Rapidform XOR allows users to extract design intent from 3D scan data with a variety of tools, and create true CAD models. These models include a complete history tree, which can then be transferred into Inventor, sent directly to AutoCAD, or opened in other Autodesk software.

Supported Languages:
English, German, Japanese, Chinese (Simplified)

ITB Paul Schneider

ASi-Profile

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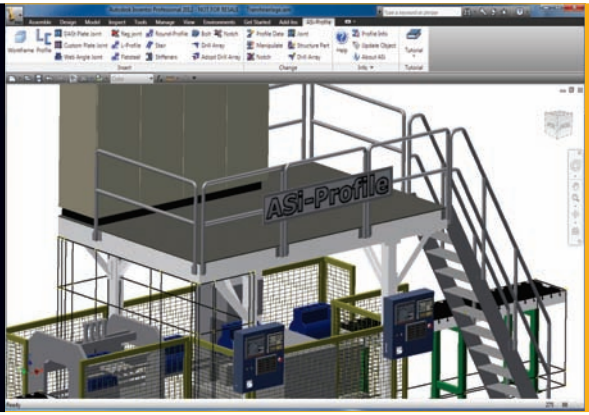


Specialized Design Tools

IT-Beratung Paul Schneider

ASi-Profile (ASi)
ASi-Profile is made for machine designers and engineers for designing structural frameworks with profiles and their typical connections very efficiently. ASi-Profile dramatically reduces the time required to create structural steelworks, support frames, maintain stages and other structural framework assemblies. Through its integration with Autodesk® Inventor®, ASi-Profile simplifies and greatly accelerates the expiration of construction with profiles made of steel and aluminium.

ASi also makes it possible to define one's own profile systems or user-defined profiles. As all ASi produced parts remain Autodesk® Inventor® compatible construction units, it is possible to later on change or complete them with standard Inventor functioning.

Function examples:
ASi-workframes for building frame based constructions; ASi provide a wide range of standard profiles based on Autodesk® Inventor® library data; define your own profiles and profile systems (MS-Access needed); special ASi manipulation functions, e.g. mitre cut, cut with face, lengthen/shorten profiles and profile knots; "automated" plate and web angle joints and notches; Bracings and stairs.

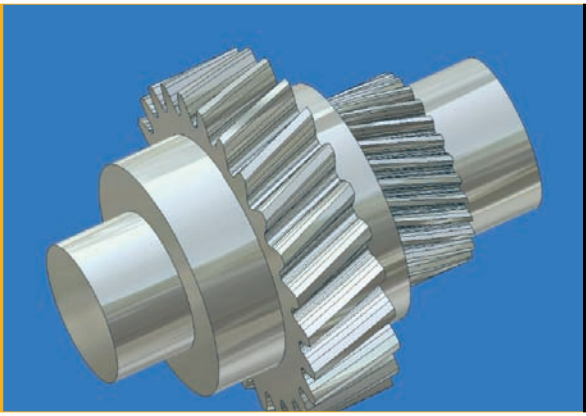
The plates (web angles) are inserted as independent Inventor parts and the needed constraints, drillings and bolted connections are defined automatically. Structural parts, like bracings and stringer stairs may be designed and automatically built as Inventor assemblies. The provided connections and the structural assemblies can be simply changed or redesigned later on.

Supported Languages:
English, German

KISSsoft AG

KISSsoft and Inventor Interface

Specialized Design Tools



KISSsoft AG
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Phone: +41 55 254 20 53
Fax: +41 55 254 20 51
Contact: Kai Noske
Email: support@KISSsoft.AG
Web: www.KISSsoft.AG

KISSsoft is a comprehensive CAE package for the layout, analysis and optimization of machine elements. For the gear calculation software modules, KISSsoft has developed an interface to Autodesk® Inventor®. Users can calculate their gears in KISSsoft and, with the push of a button, create and display them directly in Autodesk® Inventor®.

As an additional feature, the KISSsoft interface offers an Add-In menu to Autodesk® Inventor®. Users can now call all KISSsoft calculation modules directly from the CAD program. Further calculation and the necessary data is carried out for the production process.

The Inventor Interface supports the following gear types:

- Internal / external Spur Gears
- Internal / external Helical Gears
- Crossed Axes Helical Gears
- Worm Gears
- Bevel Spur Gears

Supported Languages:
English, German, French, Italian, Spanish

KKM SOFT (P) Ltd.

iGold

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Fax: +91-44-23713247
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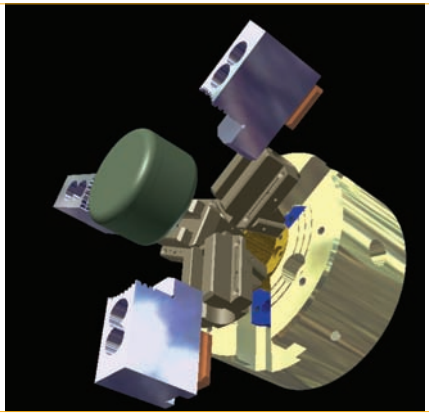
Web: www.kkmsoft.com



Specialized Design Tools

KKMSoft

KKM-iGold is an add-on to Autodesk® Inventor® for 3D Product optimization. iGold is a handy tool for product design engineers who perform multiple trials to find a target value of one or more parameters that will result in achieving a matching property of the product such as Mass, Volume, Area or CG.

Some application examples include:

- A bottle or container designer who wants to achieve target volume by finding the right dimensions.
- A designer attempting to find the right wall thickness to achieve the target mass.
- An engineer attempting weight reduction or balancing an assembly to desired CG point.

Key Benefits include:

- Time savings on trial and error testing of dimensions in a part or assembly to achieve physical properties.
- Material saving and reduction of waste in designed parts by obtaining optimal parameters.
- Improved accuracy and quality of products due to right dimensions in less time.
- Supports multiple parameters and multiple targets with batch mode processing.

Target Properties that can be achieved:

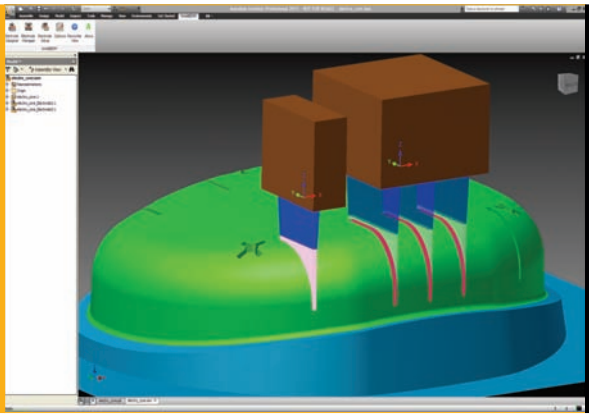
- Mass of Part or Assembly
- Volume of Part or Assembly
- Surface Area of Part or Assembly
- CG in X,Y and Z of Part or Assembly

Supported Languages:
English

Manusoft Technologies Pte Ltd

IMOLD EDM for Inventor

Specialized Design Tools



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With the increasing complexity and miniaturization of plastic parts, innovative manufacturing technologies like die-sinking EDM become more and more important. Using the Die-sinking EDM technology, complex moulds, dies and metal parts with high quality finish are produced by "burning" electrodes into the metal. This specialized process can be complex and time-consuming and thereby influences the lead time of the work pieces.

Manusoft has developed an electrode solution that automates time-consuming and repetitive tasks for the electrode design and manufacturing process. It covers the whole process from geometry extraction, documentation, electrode milling up to the setup for EDM Burning.

Supported Languages (for Product):
English, Chinese, Japanese, German, French

Metalix CAD/CAM Ltd.

cncKad

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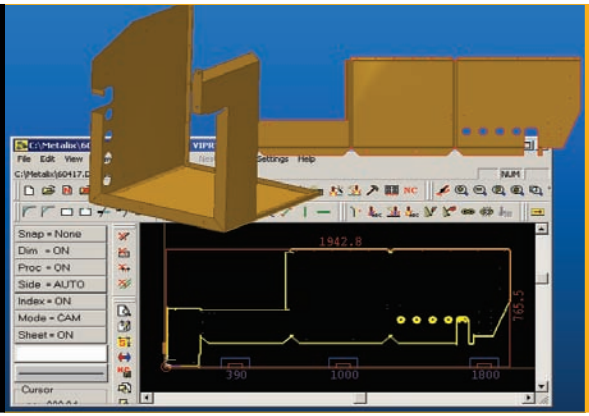


Specialized Design Tools

METALIX

cncKad's CAD Link module enables one-click real time transfer of Sheet Metal parts from Autodesk® Inventor®, bypassing intermediate files. CAD Link is completely associative and enables previously transferred files to be updated while retaining definitions like processing and dimensions.

CAD Link complements cncKad's full range of capabilities for CNC Punch, Laser, Plasma, Flame, Waterjet and combination machines.

cncKad includes the following modules:

- Full set of 2D sheet metal drafting tools, including Notching, Chamfering, Shape Detection and Editing, Geometry Validation, automatic detection and correction of unclosed contours.
- Automatic Graphic Processing, with each tool represented by its true shape aiding overall planning.
- Efficient NC code generation, including macros, Optimized Tool Path, Minimal Turret Rotation, and support for machine specific operations such as oiling, vacuum and ram-rate.
- Graphic Simulation of any CNC program, including legacy programs previously written on the machine. The NC program is automatically checked for errors missing parameters, clamp errors, etc.
- Manual nesting and optional AutoNest module : automatic True-Shape nesting of parts, including creation of multiple material solutions, Hole Filling and automatic generation of the required number of sheets per solution.
- DNC options for uploading/downloading of NC files to machines, with support for batch loading and for extracting NC files from the machine's controller.

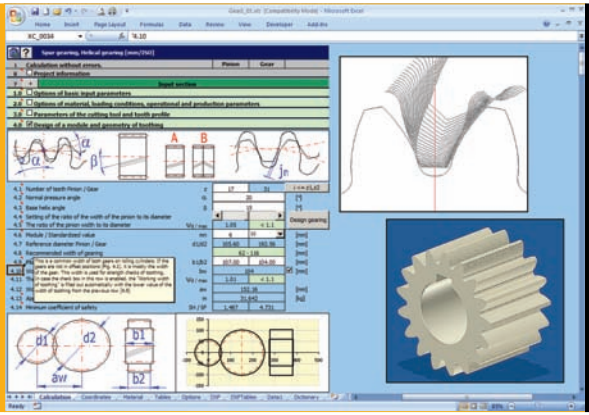
Supported Languages (for Product):

Arabic, Chinese, Czech, Dutch, English, French, German, Greek, Italian, Japanese, Korean, Polish, Portuguese, Romanian, Russian, Slovak, Spanish, Taiwanese, Thai, Turkish

Miroslav Petele, Ing.

MITCalc for Inventor

Specialized Design Tools



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MITCalc

MITCalc is a multi-language set of mechanical, industrial and technical calculations for day-to-day, routine operations. It reliably, precisely, and most of all quickly, guides the customer through the design of components, the solution of a technical problem, or a calculation of an engineering point without any need for expert knowledge.

MITCalc contains both design and check calculations for many common tasks, such as spur, bevel and worm gears, belts and chains, bearings, beams, pins, shafts, springs, bolt connection, shaft connection, tolerance analysis and many others.

There is also a lot of theoretical information regarding many materials, comparison, and decision tables. Calculations support both Imperial and Metric units and process according to ANSI, EN, ISO, DIN, BS, CSN and Japanese standards.

It is an open system designed in Microsoft Excel which allows not only easy user-defined modifications and user extensions without any programming skills, but also mutual interconnection of the calculations, which is unique in the development of tailor-made complex calculations.

The sophisticated interaction with Autodesk® Inventor® allows the relevant models and solutions to be developed in a few seconds. AutoCAD® and AutoCAD® Mechanical are supported in 2D.

Supported Languages:
English, German, Czech, Chinese, French, Italian, Spanish, Portuguese

MP Soft Oy

Link-It™

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Specialized Design Tools

soft
Technology for higher productivity

The Link-It™ product family is a data management solution for mechanical designers. It links your CAD system to your company's information systems as well as design rules and standards effectively and intelligently. Link-It™ products are available for Autodesk® Inventor® and AutoCAD® and the product family consists of the following programs:

Link-It™ Manage Properties is an extension to the CAD system that makes it possible to manage all product items. CAD document attributes are in one intelligent Data Form. Manage properties guides the designer to define product data according to the design rules and terminology of your company. Manage Properties can be connected to your company's current data management systems such as ERP, PDM, and PLM therefore streamline complicated design processes.

Link-It™ Manage BOM is an extension of the Manage Properties application. It allows you to manage item and BOM (Bill of Materials) data conveniently through the CAD drawing's bill of materials. Manage BOM checks and corrects data, thereby improving overall data quality. If you wish to automate routine design tasks, Manage BOM can be connected to your company's current data management systems such as ERP, PDM, and PLM.

Link-It™ Publish Documents is a publishing tool for CAD applications. It can process multiple CAD documents in one run, with advanced publishing method features for printing and file exporting. If you wish to automate routine design tasks, Publish Documents can be connected to your company's current data management systems such as ERP, PDM, and PLM.

Supported Languages (for Product):
English

Objet Geometries Ltd.

Connex

Specialized Design Tools

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Web: www.objet.com

The CADMatrix add-in for Autodesk® Inventor® allows you to stay in control of your model by giving you the ability to assign different model materials to the different parts of your design. It provides an exceptionally simple to use and highly intuitive selection process that gives you more control of your 3D model validation.

Rapid Prototyping is the ultimate control tool during your design process by enabling complete validation and verification of your design in a realistic 3D model. Objet 3D printing technology is the definitive method for rapid prototyping.

With Objet PolyJet Matrix™ Technology you can do multi-material, multi-part rapid prototyping more easily and accurately than ever before. The Connex500 multimaterial 3D printer, utilizing PolyJet Matrix Technology, will take your design and print it into a reality. This enables simulation of coating and over-molding applications with realistic shape and superb accuracy.

With CADMatrix for Autodesk® Inventor® you can assign materials during the design process. Designers find that this easy to use add-in creates an easy and speedy communication cycle between them and the Connex500 printer. All the printing information, including material assignment, is encapsulated within the file. Users control their design from start to finish, guaranteeing the models will best reflect their design. CADMatrix for Autodesk® Inventor® is available at no charge for download from Objet.com

Supported Languages:
English

Progetti Srl

Manifold Designer V2

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Specialized Design Tools

Manifold Designer is an add-in for Autodesk® Inventor® 2009, 2010, 2011 and 2012 and for all newer versions that will appear in the market. Manifold Designer is composed of a collection of routines to model from easy to very complex hydraulic blocks.

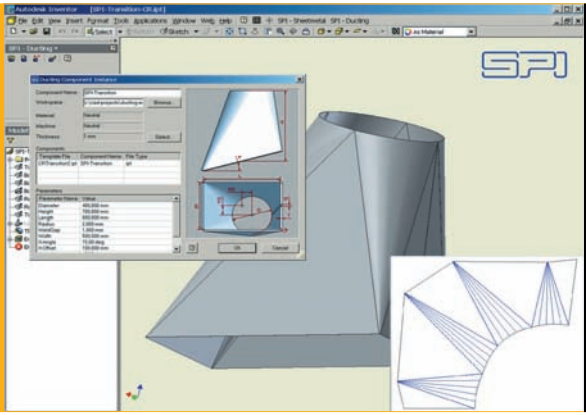
The product includes some special routines to dynamically analyse channels and check the blocks for a minimum distance between channels and between holes. 2D documentation is automatically created by Manifold Designer. A complete database is delivered with the product.

Supported Languages (for Product):
Italian, German, English

SPI GmbH

Ducting Inventor

Specialized Design Tools



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SPI CADSolutions

SPI Ducting Inventor supports complex design and unfolding of 3D pipes with Autodesk® Inventor®. It is useful for single parts or components of complete assemblies. An easy-to-use interface, precise parameter definitions, automatic assembly design, and predefined material data editor aid productivity immediately after installation.

SPI Ducting Inventor enhances basic Autodesk® Inventor® functions, providing complete functionality of the powerful SPI Sheetmetal product. It also offers a comprehensive library of several predefined components, standard parts, transitions, and connectors that can easily be customized.

Supported Languages:
English, German, Taiwanese, Mandarin, others on demand

SPI GmbH

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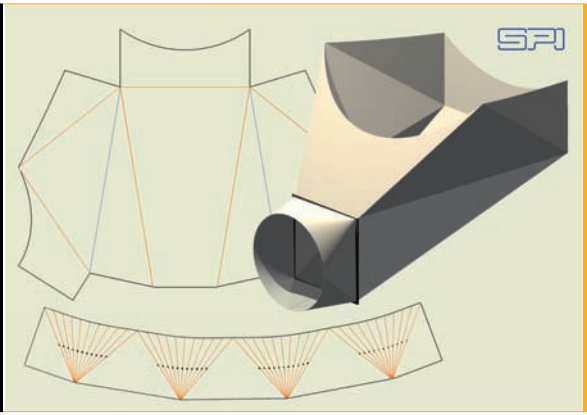


Specialized Design Tools

SPI CADSolutions

SPI SheetMetal Inventor complements the basic sheet metal functions of Autodesk® Inventor® and offers a range of helpful capabilities for sheet metal design and unfolding, especially in the areas of process chain and direct transfer of data to manufacturing. The results are significant cost savings and shorter design cycle.

The software provides a variety of tools for efficient sheet metal design, especially for the design of sharp-cornered models, without applying reliefs. Designing sharp-cornered, complex non-perpendicular coverings can be done quickly and efficiently.

Easy-to-use dialog-boxes enable designers to set parameters such as material data, suitable thickness values, and bending machine information from the SPI material management system. The flat pattern is transferable to laser or punch CAM programs and press brake control systems (for example, Delem, Cybelec).

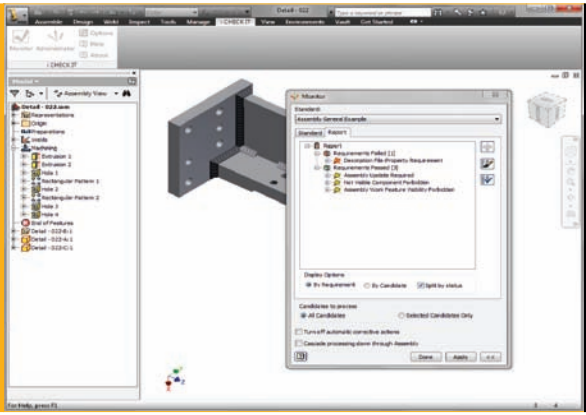
Optional access to TruTops programming systems as well as the import of several tools from the TruTops libraries is available.

Supported Languages:
English, German, Taiwanese, Mandarin, others on demand

Tata Technologies

i CHECK IT for Autodesk® Inventor®

Specialized Design Tools



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Email: icheckit@tatatechnologies.com
Web:
www.tatatechnologies.com/icheckitinventor

i CHECK IT for Autodesk® Inventor® enables automated design and product checking abilities that reduce errors and increase productivity.

Engineers can configure custom standard files for their requirements from over 130 different checks. Designs can then be checked interactively within Autodesk® Inventor® or through batch checking of multiple files.

The i CHECK IT Autodesk® Vault integration product provides the ability to integrate automated design quality checking within your Autodesk® Vault. This ensures that no items are released to manufacturing unless they satisfy your requirements. Checking your designs helps ensure that the best practices are followed by reducing errors and automating common processes. It contains more than 130 standard checks available to enforce company design and CAD standards.

Key Benefits of i CHECK IT for Autodesk® Inventor® are that it prevents design issues before releasing to manufacturing, seamlessly integrates within Autodesk® Inventor® and Autodesk® Vault, ensures consistent deliverables from outsourced or contract engineers, reports and tracks design quality and shares consistent design data with your supply chain.

Supported Languages:
English

TraceParts S.A.

TraceParts DVD for Autodesk® Inventor®

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Fax: +33(0)232 795 961
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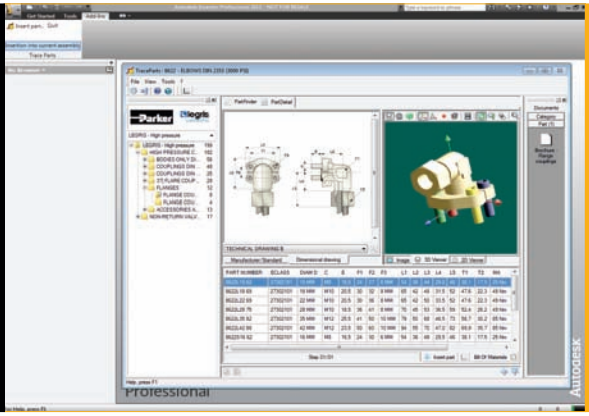
Web: www.traceparts.com



Specialized Design Tools

traceparts

TraceParts is a critical and unique resource for every mechanical designer in the tooling, machinery, aerospace and automotive industries by including thousands of technical data sheets with 100+ millions of manufacturers' and standard parts available from all the leading parts suppliers.

TraceParts can be launched directly from Autodesk® Inventor® and the selected parts are automatically inserted into your assembly as native Inventor 3D models (.ipt or .iam files), with all their detailed BoM attributes (part name, ordering number, manufacturer name, standard, weight). TraceParts allows you to use different search engines, classifications and enables 2D/3D viewers to quickly browse the huge parts database and the right component is correctly inserted the first time.

TraceParts can be interfaced via optional modules with PDM and ERP systems such as Autodesk® Vault. An optional module is available in the Professional edition which allows you to link TraceParts together with an external data source, and then associate customized attributes of PDM or ERP type (internal references, price, part status, etc.) to the standard data which directly comes from the supplier's catalog.

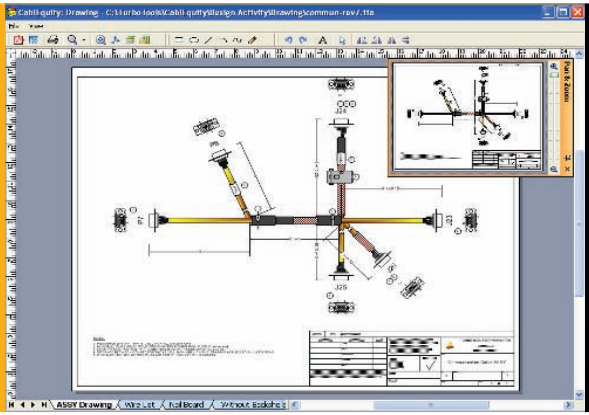
You can also administer the parts database by preventing the use of specific catalogs and specific part numbers. An exclusive maintenance contract allows you to download new part catalogs and updates for application and CAD drivers.

Supported Languages:
Chinese, Czech, Dutch, English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Slovak, Spanish, Swedish, Russian, Turkish

TurboTools™ Corporation

CablEquity™

Specialized Design Tools



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TurboTools™ Corporation develops stand alone and web-based applications for electrical and electronics engineers to automate the design process of cable and harness assemblies, and HES™ (Hardware Electrical Systems) a missing bridge between electrical design and mechanical design, in an error free environment, using proprietary and patented technology.

These products are engineering software tools that design, document, simulate, test, validate and manage electrical interconnects across numerous sub-systems for highly integrated products such as semiconductor capital equipment, industrial equipment, medical equipment, telecommunication equipment, automobiles, aircrafts, mechatronic systems, etc.

TurboTools™ introduces these products under a SCAD™ (System CAD) umbrella in three phases: CablEquity™, SystemEquity Pro™, and TurboEquity S2P™. Companies using CablEquity™ should expect a significant increase in their designers' productivity resulting in a decrease in costs.

CablEquity supports AutoCAD® Electrical, AutoCAD® Mechanical, Autodesk® Inventor® 9, 10, 11, 2008, 2009, 2010, 2011, 2012. It is compatible with, and supports, all Windows OS 32 & 64 bit architecture operating systems. It is also compatible with other major CAD softwares.

Technical support and new product features are covered by annual maintenance. Training is short, intuitive, and customizable.

Supported Languages:
English

VEST, Inc.

MDTools 740 Manifold Design Software for Autodesk® Inventor® 2013

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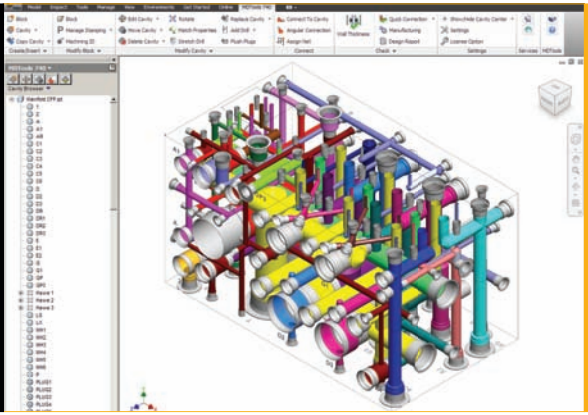

Specialized Design Tools

MDTools 740 Manifold Design Software for Autodesk® Inventor® 2013 is a hydraulic manifold design software that boosts productivity and helps ensure error-free designs. It provides fluid power manifold designers with a powerful visual workspace that embeds manifold design methodology and authenticated data.

MDTools provides advanced 3D parametric manifold design capabilities that work seamlessly within the Autodesk® Inventor® environment. It deploys logical, hydraulic, geometric, and machining knowledge in the design process. The software includes a tooling knowledge database, materials database, and extensive OEM-specific cavity libraries for both cartridge and interface valves.

MDTools enables you to focus on actual design through automated workflow, embedded design rules, checking and more. The schematics interface, automated bore chart, auto dimensioning, and an add-on CNC interface ensures accuracy and saves a lot of time and effort.

Supported Languages:
English

Audros Technology

Audros

Document Management

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Fax: +33 (0)4 72 34 12 63
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audros

Audros focuses on helping companies build a network of data and knowledge to leverage business productivity. Audros manages and secures all documents, operations and data related to the product lifecycle (PLM).

By choosing Audros Standard Edition (preconfigured "Turnkey" PDM/PLM solution for SMEs) or Audros Enterprise Edition (open and customizable "Tailor-Made" PLM solution), users can benefit from a large range of PLM functionalities, well-adapted to company needs and company size.

Audros ensures Technical and Quality EDM, Collaborative Work, Process Automation, Project Management and IT integration (ERP, CAD, etc.)

A technical data repository that manages and integrates design process related to production, business and marketing, Audros ensures information consistency and uniqueness between a company's CAD, ERP, CAPM, office automation and messaging tools.

Audros has bidirectional connectors with Autodesk® Inventor® and AutoCAD® (and other major 3D CAD systems).

Supported Languages:
English, Spanish, Italian, German, Arab, Chinese, Portuguese, Slovak

BlueCielo ECM Solutions

BlueCielo Meridian Enterprise

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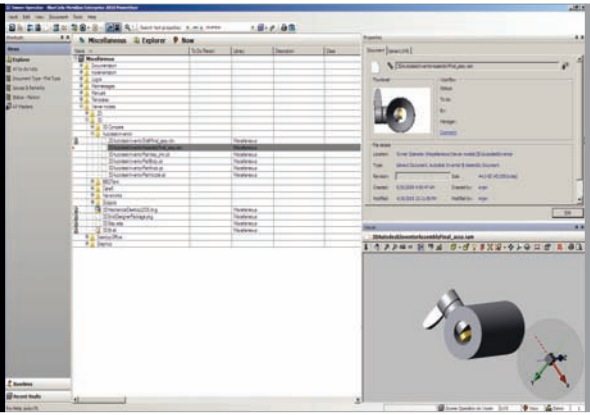


Document Management

BlueCielo ECM Solutions is a world leader in Engineering Content Management (ECM) solutions for capital-intensive owner/operators and EPC/AEC projects. BlueCielo's flagship solution, BlueCielo Meridian Enterprise, optimizes business processes related to the creation, collaboration and distribution of technical asset information, and helps to improve safety, economic efficiency and compliance with environmental and legal regulations.

Implemented worldwide in various industries such as energy/utilities, oil and gas, pharmaceuticals/life sciences, process manufacturing and more, BlueCielo Meridian Enterprise represents the latest advances in collaborative document management and workflow, and ships with support for Autodesk® Inventor® templates for rapid deployment.

BlueCielo Meridian Enterprise connects vital engineering content (documentation) with the rest of your distributed enterprise, and manages engineering drawings from process and instrumentation diagrams and isometrics to single line diagrams, specification sheets, operating procedure manuals, and other asset-related information. The solution also streamlines the management of document updates and changes with electronic mark-up, modification, and routing and approval of documents, all with a complete audit trail, plus customizable workflows specific to your industry and organization.

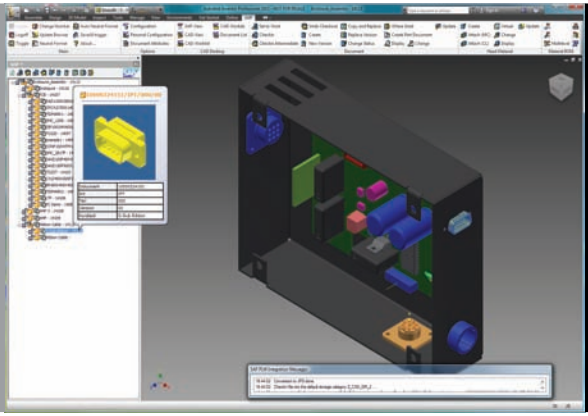
Headquartered in the Netherlands, BlueCielo has offices in America and Europe, together with an international network of select partners, ensuring global service and support for our best-of-breed solutions.

Supported Languages (for Product):
English, Finnish, French, German, Italian, Japanese, Polish, Portuguese, Spanish, Swedish, Russian

CIDEON Software GmbH

SAP PLM Direct Integration for Autodesk® Inventor®

Document Management



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cideon software

CIDEON Software is a SAP PLM software partner that develops the SAP PLM Integration for Autodesk® Inventor®. CAD Integrations are used mainly in PLM environments (PDM) and they allow organizations to work more efficiently by reducing overall costs.

About CIDEON's SAP PLM Integration for Inventor:
With SAP PLM, SAP AG offers the general administration of all documents which are created during the life cycle of a product. At the same time, CAD Desktop is a tool that provides an excellent interface within SAP for 3D CAD design work.

The close connection with SAP PLM enables data to become available at an early stage of the design process. Product Lifecycle Management thus begins with the start of the design work and not at the end of this work through an interface.

"The linkage of Autodesk® Inventor® with SAP PLM is a great opportunity to foster better collaboration among product design and development professionals in companies using both Autodesk® Inventor® and SAP PLM. CIDEON's integration helps control processes, and manufacturing firms in avoiding time consuming searches and loss of key design data" said Tim Gray, Director of Autodesk® Inventor® product management at Autodesk.

Supported Languages (for Product):
English, German, Portuguese, Other

Concurrent Systems Inc. Ltd

DDM

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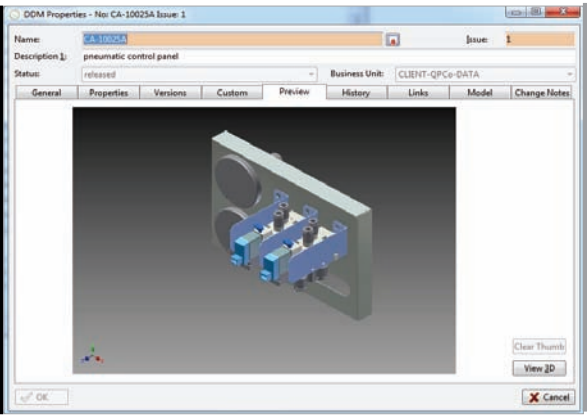


Document Management

Concurrent Systems Inc. (CSI) develop and market DDM to businesses globally.

DDM is an easy to use, multi-CAD PDM solution for Autodesk® Inventor®, AutoCAD® and most mainstream 3rd party CAD solutions. It provides full lifecycle management and revision control of parts, models, drawings and office documents. DDM ensures that the right information is delivered to the right person at the right time and allows users to interact with data from vendors and suppliers throughout the supply chain.

DDM is a scalable system that grows in line with your needs. At a basic level it can be used as a file vault with simple access controls ensuring data integrity. At an advanced level it can satisfy the needs of a global multi-site organisation with document, project and process management. DDM provides a complete electronic audit trail of change and release history, putting you firmly on the road to compliance.

The DDM philosophy is focused on delivering a solution to make you productive within hours, without the expensive and lengthy implementation times normally associated with PDM installations. Cost of ownership is minimized through low on-going maintenance, centralized backup and simple fast upgrades.

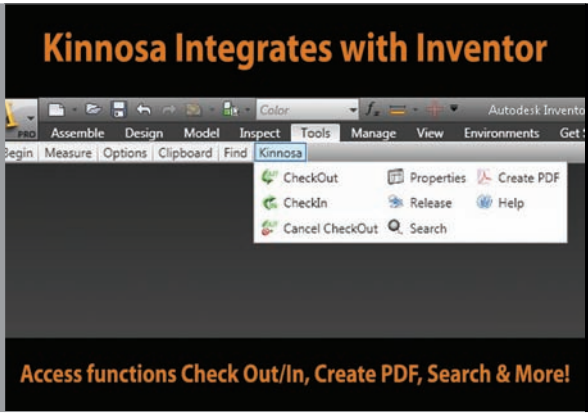
CSI has over 20 resellers worldwide, providing you with professional and local service, enabling you to achieve your goals without any hassle. With over 20 years' experience in the industry, we pride ourselves on our strong customer focus, professional global support, in-depth product knowledge and providing quick solution. CSI provides a comprehensive range of Consulting Services within the PDM/PLM sector.

Supported Languages:
English, French, German, Italian, Korean, Spanish

First Trace, Inc.

Kinnosa

Document Management



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United States
Phone: +1 480.940.2393
Contact: Kyle Blair
Email: kblair@firsttrace.com
Web: www.FirstTrace.com

First Trace Inc.

First Trace is a global provider of Engineering Document Management (EDM) and Business Process Management (BPM) software solutions.

The Kinnosa system saves engineering resources by automating EDM of your CAD drawings, BOMs and Office documents. Kinnosa generates rapid ROI by eliminating costly documentation breakdowns from your design, review and releases processes.

Direct integration with Autodesk products, including AutoCAD® and Autodesk® Inventor®, makes it easy to manage complex drawings, layouts, metadata, and references.

Utilize Kinnosa within your AutoCAD® and Autodesk® Inventor® environments to control, collaborate and distribute important files across distributed design teams. While using Inventor configurations, Kinnosa enables version control, metadata management and reference management for Inventor files and configurations. This unique capability streamlines and simplifies document and configuration management.

Supported Languages (for Product):
English

GAIN Software GmbH

GAIN EDM System

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Phone: +49 (5205) 99888 0
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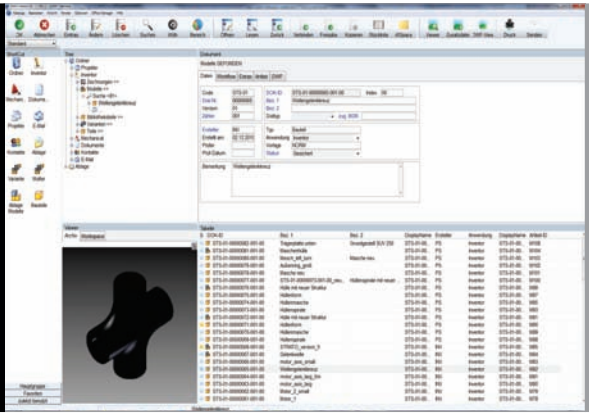
Web: www.gain.de



Document Management

GAIN Professional is a customizable, clearly designed tool to manage all kinds of documents collected during the construction process. Its focus is based on a simple intuitive operation.

A deep interface integration to AutoCAD® and Autodesk® Inventor® supports structural designers in their daily business and increases data management and usability. Relevant construction documents are tagged with keywords to find them simply and fast. In addition, several neutral documents can also be written automatically.

Additional tools such as structure copy to duplicate complex constructions, structure bill of material to generate complex bills of material automatically and a release management to approve simple or complex structures are also available. All features are designed to improve construction processes and help reduce time to market. The release management confirms that all other departments have only valid documents or data.

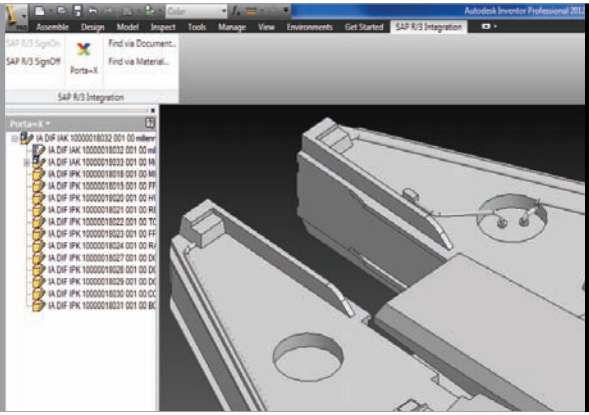
GAIN saves documents and data not within a secured archive. All data can be found in defined folders and can also be used without GAIN. This attribute advances data assurance dramatically. GAIN can be linked if necessary to nearly every ERP System without any difficulty.

Supported Languages:
English, German

HCV Data Management GmbH

Porta~X®

Document Management



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Contact: Shahram Nasheri
Email: snasheri@hcv.de
Web: www.hcv.de

If you have already implemented SAP ERP in your company, why not use it as a PDM system as well? A little known fact about SAP is that it already includes a built-in PDM system that is ready to run and Porta~X is a tool that enables integration with Autodesk® Inventor®. There is no longer a need to maintain a separate PDM system!

Porta~X allows you to store your Autodesk® Inventor® models, assemblies and drawings directly in a SAP Content Server. These documents are available to the entire enterprise as information for further processing or making informed decisions.

Porta~X provides a full suite of productivity-enhancing functions that can be executed directly from within Autodesk® Inventor®:

- Create / change / display Document Info Records in SAP
- Check in documents to the SAP Content Server with automated creation of neutral formats such as PDF or DWF
- Check out documents for viewing or editing purposes
- Create / change / display Material Master Records - they are automatically linked to the corresponding documents
- Find documents in SAP and graphically browse through the results lists
- Search for materials using SAP match-codes and open the linked documents directly in Autodesk® Inventor®
- Generate SAP Bills of Materials directly from Autodesk® Inventor® assembly structures or drawings at the click of a mouse. A fast, reliable, complete and up-to-date way.

Supported Languages (for Product):
English, French, German, Other

Isah b.v.

Isah Engineering

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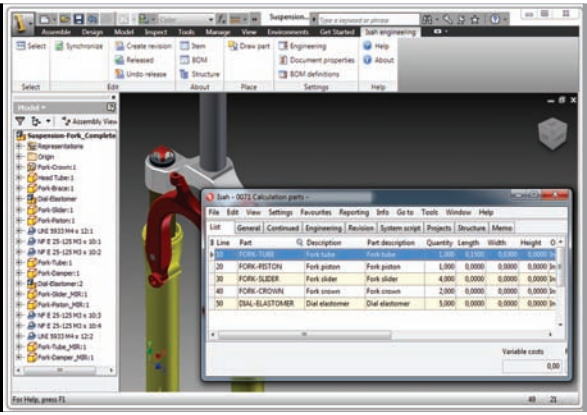


Document Management

isah
BUSINESS SOFTWARE

Isah Engineering software integrates your engineering and logistics departments seamlessly. Engineering and logistics make use of the same source files which means that your data is made available and up-to-date, at all times and everywhere.

Isah Engineering provides you with a more efficient way of working and an insight into all relevant data, which in turn leads to product standardization and an enormous cost reduction. Duplicate work, such as the re-typing of CAD parts lists into an ERP application, becomes superfluous.

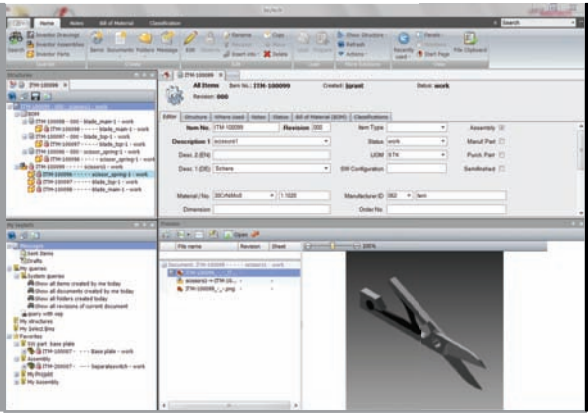
Isah Engineering also offers different kinds of solutions for version, revision and workflow management.

Supported Languages:
Dutch, English, German

keytech Software GmbH

keytech PLM

Document Management



keytech Software GmbH
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45665 Recklinghausen
Germany
Phone: +49 2361 985 80 0
Contact: Tanja Brück
Email: Tanja.Brueck@keytech.de
Web: www.keytech.de

As a certified member of the "Autodesk Developer Network" keytech PLM offers the highest level of integration with Autodesk products. keytech PLM supports the design engineers in every phase of their work. We provide a tool that manages data for accurate reliable information, current documents and files in a revision secured vault. Assemblies, single parts, drawings and other related data can be easily managed eliminating consuming routine tasks.

keytech PLM will help you address all your specific PLM requirements and achieve the benefits from your investment. Our different modules meet your needs for managing all created and modified data during the product's life cycle. Organizing processes within your company, such as workflow, release management and project management can be realized with keytech PLM.

keytech offers a modular and scalable structure that allows your company to start with basic document management and grow to a comprehensive product lifecycle management system.

Supported Languages (for Product):
German, English

MechWorks Srl

DBInventor

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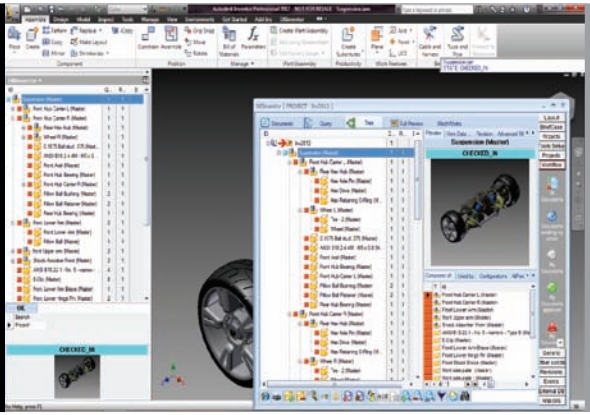


Document Management

DBInventor R12 maintains the highest level of Autodesk® Inventor® integration. It takes advantage of functionality including Inventor complex document dependencies. With its full integration into both the Inventor Task Pane and Feature Manager, DBInventor provides a uniquely powerful PDM environment while maintaining Inventor ease of use.

The DBInventor feature manager and Task Pane includes the wild search tool, giving access to the DBInventor database for easy search and placement of assembly or drawing components.

It protects your design files with standard OS file security offering the highest performance in checkin/checkout operations (as much as 5x with respect to vault based solutions). You can activate view and compare previous revisions as needed, including BOM's. DBInventor Standalone provides non-Inventor users (purchasing department, shop floor, etc.) a cost effective access to the DBInventor database. The users can participate in the design process, view documents and prepare BOM's or other output needed for their department.

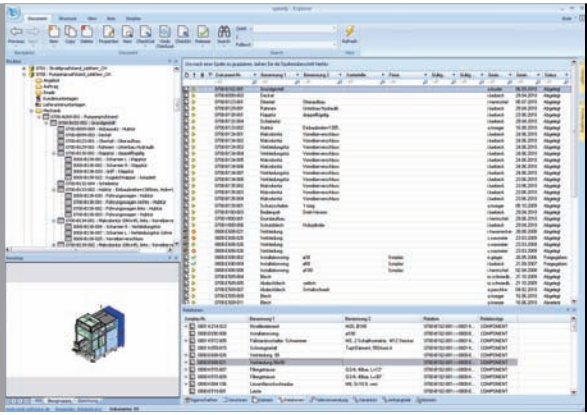
DBInventor DBWErp offers interface integration with an external ERP. This module enables specific visual clues in the interface and adds commands to manage materials, documents and Bill of Materials. DBInventor is certified for Autodesk® Inventor® 2013.

Supported Languages:
English, Italian, German, French, Spanish

mmh software GmbH

speedy

Document Management



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Westerheim
Phone: +49 7333 9539455
Contact: Marcus Hausmann
Email:
marcus.hausmann@mmh-software.de
Web: http://www.mmh-software.de

The speedy PDM-Suite manages all kinds of documents and data required by an enterprise. Drawings, product information, emails, invoices and other business documents are managed and revision secure archived. Thanks to its modular architecture, speedy PDM fits perfectly into corporate structures and processes.

With its comprehensive search mechanism and product classification, users can find fast and easy equal or similar parts. Technically mature wizards provide support by copying single parts or complex assembly structures, taking care of references and dependant drawings. The fully featured integrated quick preview saves a lot of waiting time.

With its perfect integration into AutoCAD® and Autodesk® Inventor® the engineering process is easy and keeps everyone up to date. Bills of material are automatically created and updated during the design process. All team members are notified about any changes made.

Supported Languages:
German

Mora Teknikutveckling AB

AutoDOC

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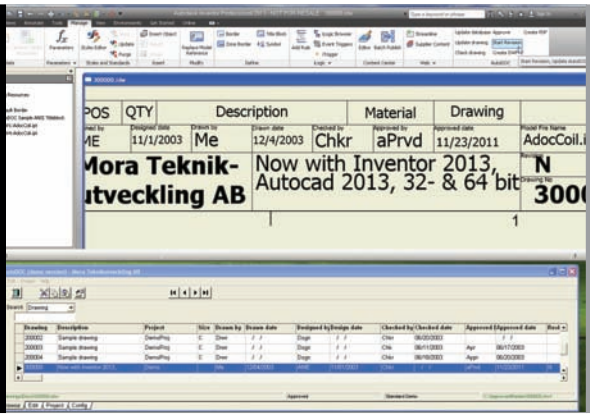
Fax: +46 250 13131
Contact: Ola Wallgren
Email: info@morateknikutveckling.se
Web: www.morateknikutveckling.se



Document Management

mora teknikutveckling

AutoDOC is an easy-to-use drawing and document management system. Its first release was in 1988 and the system has been improved and updated continuously ever since. Functions for security, drawing retrieval and revision handling are all fully integrated into the product.

The base system includes functions for generation of drawing numbers, number series, checking, approving and revising drawings and documents. Initial setup is for AutoCAD®, Autodesk® Inventor® and Microsoft Word and additional applications can be added if required.

The revision control system ensures that you have only one original, although it's possible to get a temporary copy if a drawing is being revised, etc. Old revisions are handled by the system at approval time. Both DWF and PDF files can be created automatically while checking, approving or revising documents.

Drawing management information can be entered in AutoDOC or through the title block in AutoCAD® or Autodesk® Inventor®, linked to or from the database. The optional web server can be used to search for and access the corresponding approved PDF or DWF file, both internal and external (SSL encrypted). AutoDOC is available in both single and multi-user versions and is delivered with an open database.

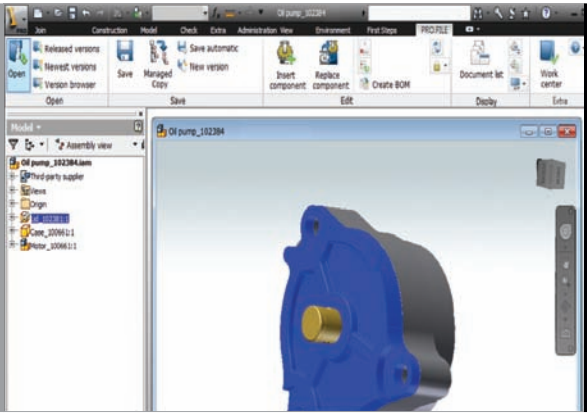
Demo version is also available.

Supported Languages:
English, Swedish

PROCAD GmbH & Co. KG

PRO.FILE

Document Management



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Phone: +49 (721) 96565
Contact: Ian Finch
Email: if@procad.de
Web: www.procad.de

PRO.FILE is a software solution for product lifecycle management (PLM) and document management. PRO.FILE features an open, cutting-edge architecture that supports all leading industry communication standards, and integrates seamlessly with other product lifecycle management applications such as Autodesk® Inventor®, AutoCAD® and other for tools for mechanical, electrical and electronic component engineering. Additionally, PRO.FILE integrates all leading ERP solutions such as SAP, infor, epicor and others.

PRO.FILE is used by more than 800 companies in a wide range of industries, including mechanical and plant engineering, capital goods and the utilities sector.

Supported Languages:
English, German, Italian

Progetto Cad s.r.l.
DOCUMENTA®

Progetto Cad s.r.l.
Via G. Rossini 19
36077 Altavilla Vicentina, (VI)
ITALY
Phone: +39 0444 572323
Fax: +39 0444 574799
Contact: Renato De Zen
Email: Renato.dezen@progettocad.it
Web: www.progettocad.it

Document Management

DOCUMENTA® is the Italian PLM business function that makes it possible to reduce the time of the development cycle of products thanks to the efficient management of project data.

It is an ideal tool for information and data sharing between groups working in planning and production during the product realization process.

It was built by a twenty-year experienced group of professionals whose objective has always been to respond to their client's demands to optimize planning processes.

DOCUMENTA® allows an infinite number of user profiles to be defined with their relative authorizations for interacting with project data, both in the case of local planning and production environments (LAN), and in distributed environments (WAN). Sharing is made possible by the process of replication and administration that allow alignment, in an automatic way and in real time, of the data on the main server, even if management occurs in peripheral locations and also WEB.

DOCUMENTA® is constantly updated and compatible with all versions of Autodesk products; integrated with Microsoft® Office products, other file formats and with company ERP software.

It is a constantly evolving product, personalized upon request with reference to the specific demands of the client with dedicated functions.

Supported Languages:
Italian, English

QBuild Corporation

CADLink

Document Management

QBuild Corporation
145 Renfrew Drive
Unit 140
Phone: 905-479-7811
Contact: Geovanna Pazmino
Email:
Geovanna.pazmino@qbuildsoftware.com
Web: www.qbuildsoftware.com

QBuild enables businesses to connect engineering data with their ERP production data directly for a reduction in overall engineering costs due to replication of data and elimination of costly mistakes in production due to clerical errors in product build information.

The QBuild CADLink interface enables integration with Autodesk® Inventor® with the leading ERP systems including:

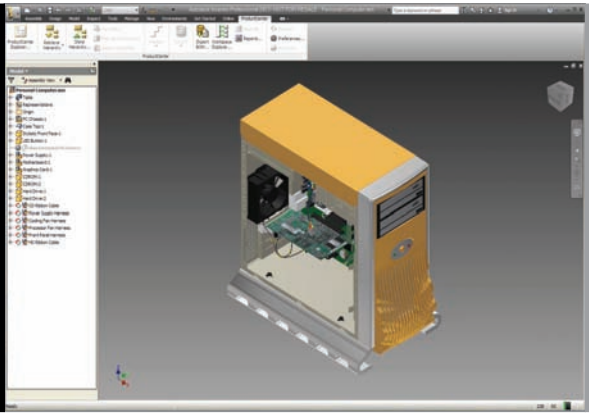
- Microsoft Dynamics AX & NAV
- Encompix
- Epicor 9, Vantage & Vista
- Infor SyteLine, VISUAL Manufacturing & XA
- Intuitive
- Made2Manage

CADLink allows engineering teams to focus on what they do best. They can eliminate double and triple data entries and input engineering information into Autodesk® Inventor® and the company's ERP Solutions system. As a result, engineering staff can increase productivity and reduce costs. The CADLink CAD Interface eliminates the sources of errors in your ERP system data. This benefit offers potentially huge cost savings as a single mistake in the Bill of Materials eventually leads to ordering errors that result in either scrapping excess inventory or late shipment of parts.

Supported Languages (for Product):
English, Spanish, German

SofTech, Inc.
ProductCenter® PLM

SofTech, Inc.
59 Lowes Way
Lowell, MA 01851
Phone: 978-513-2700
Email: info@softech.com
Web: www.softech.com



Document Management

SofTech

SofTech's ProductCenter® PLM (Product Lifecycle Management) solution allows you to conveniently create and manage product information including drawings, assemblies and parts.

It provides 24X7 secure access to corporate intellectual property, controls product changes via defined business processes and ultimately provides the platform to manage the Bill of Information directly from your Autodesk® Inventor® design environment.

ProductCenter® provides a fully integrated design environment for all of your CAD resources, including AutoCAD® Mechanical and AutoCAD® Electrical and associated product data along with flexible change and configuration management, workflow to automate product processes and comprehensive "ProductCenter® Bill of Information (BOI)" management.

The BOI serves as a complete "blue print" for all the information about the product, its relationships, and dependencies including the Bill of Materials (BOM) definition. The BOI serves to improve your competitive edge by streamlining product data and processes, reducing development cycle times, thus improving the quality and reliability of your release to manufacturing which translates to improving time to market and revenue.

ProductCenter® PLM includes Autodesk Certified Application integration to Autodesk® Inventor®.

- Fully integrated within the Autodesk® Inventor® design environment
- External Reference, Part and Assembly Configuration Management
- Support for Content Center Libraries
- Property Mapping

Supported Languages (for Product):
English, Italian, German, French

ENGINEERING PLM Solutions srl

RuleDesigner®

Document Management

ENGINEERING PLM Solutions srl
Via Sant'Orsola 51/1
Cesena (FC)
Italy
Phone: +39 0547 632716
Contact: Gianfranco Biguzzi
Email: info@ruledesigner.com
Web: www.ruledesigner.com

RuleDesigner® is a comprehensive and web-based PLM suite of applications designed to offer an integrated working environment. The suite allows users to create, manage, distribute and collaboratively use product information all the way from conception to after-sales service. By integrating people, processes and information across the enterprise, RuleDesigner® helps companies reduce complexity and improve organizational productivity.

As a modular solution, RuleDesigner® tools can be used by themselves or in an interconnected combination to serve the needs of numerous corporate functions including-Marketing, Job Order and Project Management, Product Data Management, Product Structure Management, Customer and Partner Relationship Management as well as Spare-parts management. RuleDesigner® can create product configurations with the generation of CAD geometries, BOMs, documents and process automation. Fully compatible with Audodesk® Inventor®, RuleDesigner® is a flexible solution that is quick to implement and easy to configure.

RuleDesigner® is a corporate console that enables interaction across a company's implemented systems, and supports collaboration and information sharing among all departments.

Supported Languages:
English, French, Italian, Spanish

Synergis Software

Adept Product Data Management for Inventor

Synergis Software
200 Kelly Road
Quakertown, Pa 18951
United States
Phone: +1 215.302.3000 or
800.836.5440 (USA and Canada)
Contact: Joseph T. Gasper
Email: adept@synergissoftware.com
Web: www.SynergisSoftware.com

Document Management

Synergis software

Adept Product Data Management (PDM) software provides companies of all sizes an affordable way to find, manage and share their Autodesk® Inventor® design data while simplifying collaboration, improving engineering change processes, and transforming business processes.

Adept securely stores and manages design and business critical data in a centralized repository, giving globally dispersed design and manufacturing teams better revision control, design re-use, and a competitive edge in a global economy. Adept reduces risk and design/manufacturing costs; enhances decision making; and ensures better overall business-driven results. Adept is easy to implement and use and is backed by a team of experts who are 100% committed to your success.

Adept's tight integration with Autodesk® Inventor® provides designers easy-to-access commands to search, check in and out, open, insert and replace for parts, assemblies, and drawings without ever leaving the Inventor application.

Adept's other key capabilities include:

- Advanced searching
- Vault replication
- Granular access control
- Deep integration with multiple-CAD systems
- Built in visualization, mark up, and compare capabilities
- Flexible transmittals and workflow
- Publish and Print to PDF, DWF, and TIF

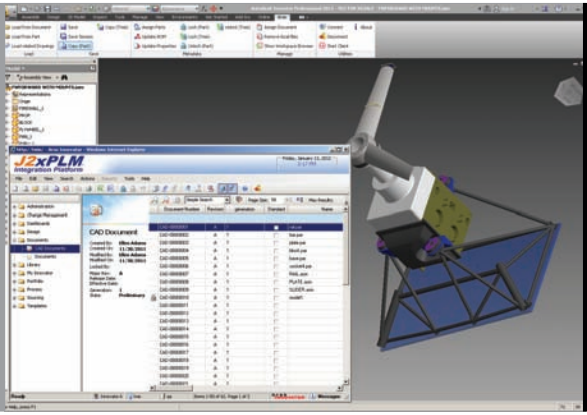
Used by over 30,000 design and engineering professionals, Adept manages and controls the assets and intellectual property of the world's most competitive companies.

Supported Languages (for Product):
English

xPLM Solution GmbH

PLM Integrations for Autodesk® Inventor®

Document Management



xPLM Solution GmbH
Devrientstr. 5
01067 Dresden
Germany
Phone: +49 351 82658-0
Contact: Karl Wachtel
Email: karl.wachtel@xplm.com
Web: www.xplm.com

xPLM Solution

PLM Integrations for Autodesk® Inventor®

xPLM Solution specializes in providing integration solutions and deployment services to the PLM industry. We develop integrations between the leading PLM, CAD, ERP, DMU, Office and data exchange applications providing the prerequisites for carrying out successful PLM projects. xPLM Solution presents a next generation of PLM connector for Autodesk® Inventor® that offers PLM users an effective and intuitive integration. Data and structures of both PLM and Autodesk® Inventor® are integrated providing the ability for bi-directional exchange.

Integration Capabilities

- Document & File Management
- Support of all relevant CAD objects
- Workflow and Release Management
- Automatic Rename to Unique File Names
- Management of Multiple Revisions
- Search and Load from Inventor or PLM
- Update PLM-Attributes from CAD
- Management of Complex CAD Structures
- Create and Update of Material Master & BOM
- Check-in and Check-out from CAD
- Take and Release Ownership
- Save Preview Before Final Saving
- Bidirectional Exchange of Properties
- File Conversion (e.g. Viewables)

Supported PLM Applications

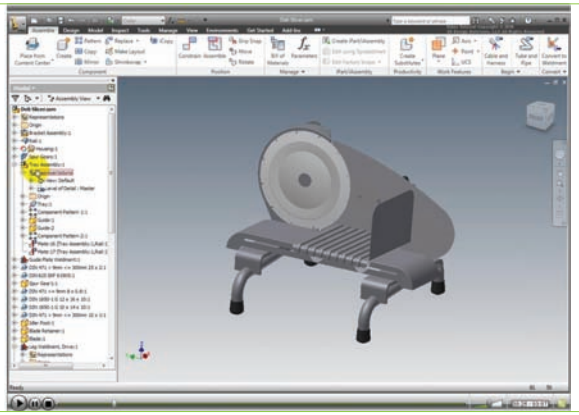
Autodesk® Inventor® (2008-2013) integrations are available for Oracle Agile 9, Aras Innovator and coming soon Oracle Agile e6.

Supported Languages:
Deutsch and English

4D Technologies

CADLearning for Autodesk® Inventor® 2013

4D Technologies
116 S. River Rd.
Building E, Lower Level
Bedford NH, 03110
Phone: 1 (603) 641-3900
Contact: Dan Dolan
Email: dan.dolan@cadlearning.com
Web: www.cadlearning.com



Tutorials and Training

CADLearning™

CADLearning for Autodesk® Inventor® 2013 enables you to learn features and functions of Autodesk® Inventor® 2013 – ranging from basic topics, like navigating the user interface and an introduction to project files, to advanced techniques for speeding up your design process.

In this comprehensive video-based course users will become familiar with assemblies and views as well as assembly management and preparing drawings for presentation. Other topics include creating and editing parts and weldments, understanding how to work with sheet metal, plastic part design, iFeatures, surfaces, importing and exporting, iLogic and other advanced topics.

Instructor: Erik Kuker
Over 20 hours of training
300+ video tutorials

Supported Languages (for Product):
English

ASCENT- Center for Technical Knowledge

Inventor® 2013 Introduction to Solid Modeling

Tutorials and Training

ASCENT
- Center for Technical Knowledge
1001 E. Market Street, Suite 102
Charlottesville, VA 22902
Phone: 434-817-7908
Contact: Ronda Wiley
Email: rwiley@ascented.com
Web: www.ASCENTed.com

ASCENT

ASCENT is an Autodesk Authorized Author/Publisher of Autodesk Official Training Guides with extensive experience writing and producing training resources for Autodesk's suite of software. ASCENT courseware is used by students, instructors, individual learners, corporations and ATC's around the world.

Why choose ASCENT courseware?

- **Autodesk Official Training Guides (AOTG):** ASCENT's 2013 courseware titles bear the Autodesk Official Training Guide brand which ensures guides have been reviewed and recommended by Autodesk for classroom training and self-paced learning.
- **Current Releases offered:** Training materials are available in a timely manner following the software release.
- **Comprehensive Student Guides:** Printed guides are spiral bound and ready to use and include online access to the drawing files to complete the lab exercises.
- **eBooks:** Containing the same content as the corresponding printed guides, eBooks offer an alternative for those preferring a digital solution.
- **Instructor Tools:** Ideal resource if you are teaching the class! Each PDF download includes answers to questions within the guide as well as timing suggestions for delivering the course.
- **Customization:** Need a training guide that references your company's best practices or incorporates specific models? ASCENT can personalize any of its courseware to address your training needs.
- **Online Ordering:** Order online through our secure eStore: www.ASCENTeStore.com

Supported Languages:
English

CADCIM Technologies

Autodesk® Inventor® 2013 for Designers

CADCIM Technologies
525 St. Andrews Drive
Schererville, IN 46375
USA
Phone: (219) 228-4908
(219) 614-7235
Fax: (270) 717 0185
Contact: Prof. Sham Tickoo
Email: tickoo@cadcim.com
cadcim@yahoo.com
Web: www.cadcim.com

Tutorials and Training

CADCIM Technologies is one of the world's leading providers of quality CAD/CAM, GIS, Civil, and Computer textbooks. We also provide free teaching and learning resources to faculty and students. Working towards the mission of providing reliable, cost-effective, and competitive engineering solutions to the manufacturing industry, the company has established an unrivalled market worldwide, through its textbooks, consulting and training services.

Autodesk® Inventor® 2013 for Designers

This textbook introduces the reader to Autodesk® Inventor® 2013, the world's leading parametric solid modeling software. In this textbook, the author emphasizes the solid modeling techniques that improve the productivity and efficiency of the user. The chapters are structured in a pedagogical sequence that makes this textbook very effective for learning the features and capabilities of the software.

This textbook consists of 18 chapters covering Part, Assembly, Drafting, Presentation, Sheet Metal, and Weldment environments of Autodesk® Inventor® 2013. Every chapter begins with a command section that provides brief information on the Autodesk® Inventor® tools. Every chapter provides tutorials that are created using these commands. This approach allows the user to use this textbook initially as a learning tool and then later as reference material.

Supported Languages:
English

Delmar Cengage Learning

Autodesk® Inventor® 2013 Essentials Plus

Tutorials and Training

Delmar Cengage Learning
5 Maxwell Drive
Clifton Park, NY 12065
Phone: (518) 348-2634
Fax: (518) 881-1265
Contact: John Fisher
Email: john.fisher@cengage.com
Web: www.delmar.cengage.com
ISBN: 9781133942221

DELMAR CENGAGE Learning

Autodesk® Inventor® 2013 Essentials Plus, is your Autodesk® Inventor® 2013 Certified definitive classroom resource that clearly illustrates and clarifies for your students the essential Autodesk® Inventor® concepts, from basic sketching and modeling through advanced modeling techniques.

This book is thoroughly updated to Inventor 2013 and is a combination of how-to reference manual that provides in-depth explanations of the user interface, toolbars, dialogue boxes, sketch tools, drawing views, and assembly modeling for learning and mastering Autodesk® Inventor®. Highlights include step-by-step tutorials that showcase practical skills and project exercises for your students that are designed both for self-paced learning and classroom instruction.

Supported Languages:
English

Ingenieurbuero-Schlieder

Autodesk® literature and online-trainings

Ingenieurbuero-Schlieder
Romy-Schneider-Str. 15a
13599 Berlin
Germany
Phone: +49 (0) 30 - 53064344
+49 (0) 176 - 96911972
Email:
schlieder@ingenieurbuero-schlieder.de
Web:
http://www.ingenieurbuero-schlieder.de

Tutorials and Training

Our online training offers you the unique opportunity to communicate with your personal trainer by sitting comfortably in front of your PC at home or at work with just a secure data connection and a telephone. You can track the trainer's live-presentation of the updated versions of AutoCAD® or Autodesk® Inventor® on your own monitor by using exercises that are adapted to your special requirements.

In person training courses can be conducted at your company or in our classrooms in Berlin. Every participant will get broad training material, which can be executed successively. Your questions are answered directly and comprehensively by the trainer, guaranteeing intensive and individual supervision and training.

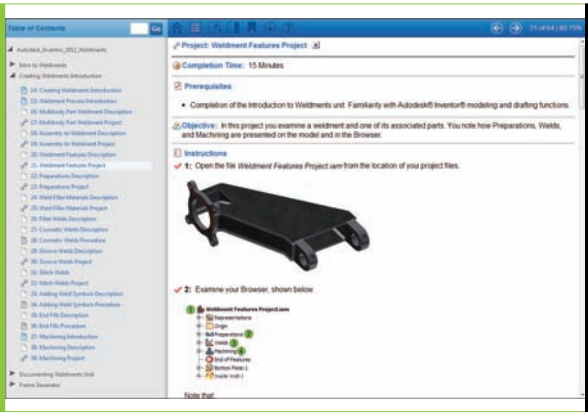
The training guides can be found at almost all online book portals or at http://www.Ingenieurbuero-Schlieder.de.

Supported Languages:
German

Tata Technologies

i GET IT

Tutorials and Training



Tata Technologies
41050 W. 11 Mile Road
Novi, MI 48375
United States
Phone: 877-395-8385
Contact: Dan Miles
Email: sales@myigetit.com
Web: www.myigetit.com

i GET IT provides online self-paced training and knowledge sharing for engineers. The end result is a better way of learning and treading on the course of becoming a better engineer who is more productive. i GET IT provides the largest library of training courses and tutorials for leading design application and industry topics.

i GET IT also enables you to customize and publish your own training content thus sharing knowledge within the organization. Providing learning management features such as learning path templates, assessments, and advanced reporting, i GET IT provides a closed loop learning process for your organization.

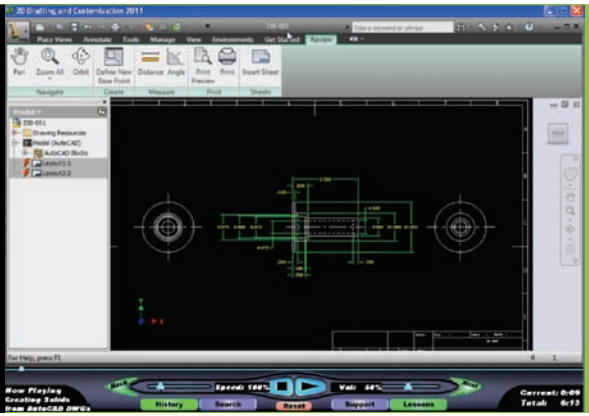
i GET IT provides training courses for Autodesk products such as AutoCAD®, AutoCAD® Mechanical, AutoCAD® Electrical, Autodesk® Inventor®, Autodesk® Vault, Autodesk® Showcase®, Autodesk® Navisworks® products - to name a few.

Supported Languages:
English

TEDCF Publishing

Accelerated Productivity 2013: 2D Drafting & Customization

TEDCF Publishing
32303 River Island Dr.
Springville, CA 93265
United States
Phone: +1 (559) 539-3032
Email: support@trainingtutorial.com
Web: www.trainingtutorial.com



Tutorials and Training

Master 2D Drawings!
2D Drafting and Customization is an interactive, multi-media training tool designed to give you the skills you need to successfully work with the 2D drawing commands. You will also learn how to customize the Autodesk® Inventor® User Interface, create custom and automated drawing borders and title blocks, and you can practice by creating and customizing styles.

Step-by-step lessons are presented in short, audio-video demonstrations that you can view on your computer. It is easy to follow along in Autodesk® Inventor® for a “learn-by-doing” experience.

The course features include lessons presented in Metric and English, adjustable playback speed which allows learning at your own pace, lessons which can be viewed in full-screen, a keyword index which helps you find required lessons quickly and an automatic study which helps you track and allows you to open the course at the last lesson you viewed.

Supported Languages:
English

TEDCF Publishing

Accelerated Productivity 2013: Assemblies & Advanced Concepts

Tutorials and Training

TEDCF Publishing
32303 River Island Dr.
Springville, CA 93265
United States
Phone: +1 (559) 539-3032
Email: support@trainingtutorial.com
Web: www.trainingtutorial.com

Design Professional Assemblies!
Assemblies and Advanced Concepts is an interactive, multi-media training tool designed to give you the skills required to streamline your work. You will master advanced concepts such as iParts, iFeatures, iAssemblies, and the Design Accelerator along with other advanced assembly skills.

Step-by-step lessons are presented in short, audio-video demonstrations that you view on your computer. You can follow along in Autodesk® Inventor® for a "learn-by-doing" experience.

The course features include lessons presented in Metric and English, adjustable playback speed which allows learning at your own pace, lessons which can be viewed in full-screen, a keyword index which helps you find required lessons quickly and an automatic study which helps you track and allows you to open the course at the last lesson you viewed.

Supported Languages:
English

TEDCF Publishing

Accelerated Productivity for Autodesk® Inventor® Studio 2013

TEDCF Publishing
32303 River Island Dr.
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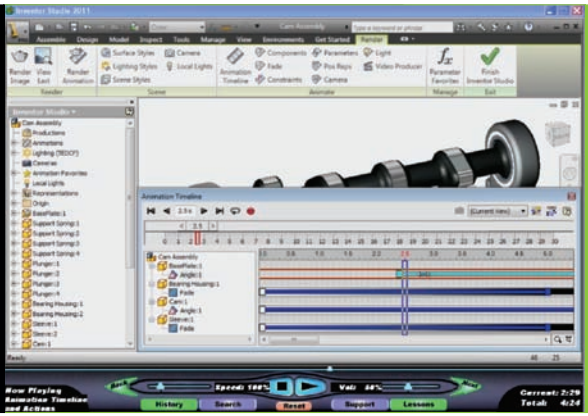
Email: support@trainingtutorial.com
Web: www.trainingtutorial.com



Tutorials and Training

Bring Your Work to Life!
Accelerated Productivity for Autodesk® Inventor® Studio 2013 is an interactive, multi-media training tool designed to give you the skills required to create professionally rendered images and animations. You can learn how to setup custom lighting styles, animate assembly components and cameras, and much more.

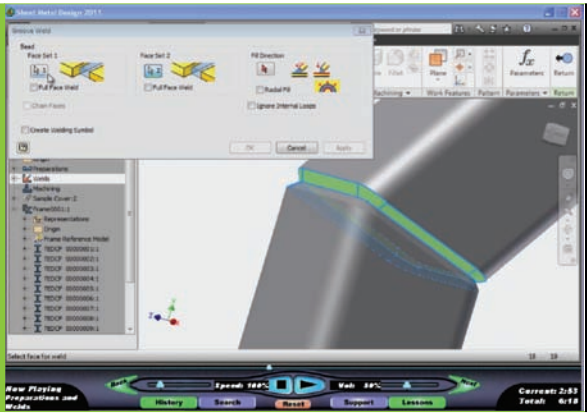
The course features include lessons presented in Metric and English, adjustable playback speed which allows learning at your own pace, lessons which can be viewed in full-screen, a keyword index which helps you find required lessons quickly and an automatic study which helps you track and allows you to open the course at the last lesson you viewed.

Supported Languages:
English

TEDCF Publishing

Accelerated Productivity 2013: Sheet Metal Design

Tutorials and Training



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Web: www.trainingtutorial.com

Optimize Your Workflow!
Sheet Metal Design is an interactive, multi-media training tool designed to give you all the skills you need to work efficiently in the Sheet Metal environment. You can learn to optimize your workflow by creating custom sheet metal styles, punches and much more. Many of the features you learn can be applied to standard parts and assemblies.

Step-by-step lessons are presented in short, audio-video demonstrations that you view on your computer. You can follow along on Inventor for a “learn-by-doing” experience.

The course features include lessons presented in Metric and English, adjustable playback speed which allows learning at your own pace, lessons which can be viewed in full-screen, a keyword index which helps you find required lessons quickly and an automatic study which helps you track and allows you to open the course at the last lesson you viewed.

Supported Languages:
English

TEDCF Publishing

Accelerated Productivity 2013: Solid Modeling

TEDCF Publishing
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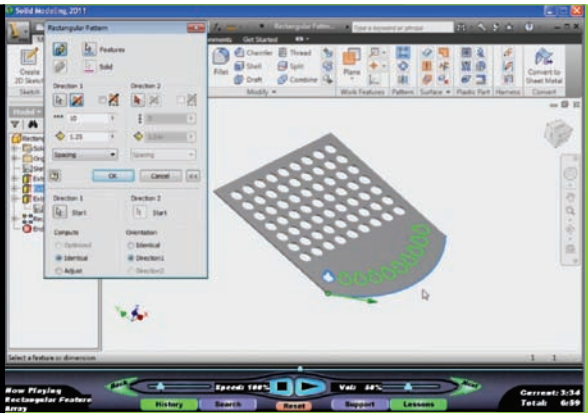
Web: www.trainingtutorial.com



Tutorials and Training

Master Inventor!
Solid Modeling is an interactive, multi-media training tool designed to give you professional modelling skills along with knowledge of fundamental and advanced commands. Step-by-step lessons are presented in short, audio-video demonstrations that you view on your computer. You can follow along in Autodesk® Inventor® for a "learn-by-doing" experience.

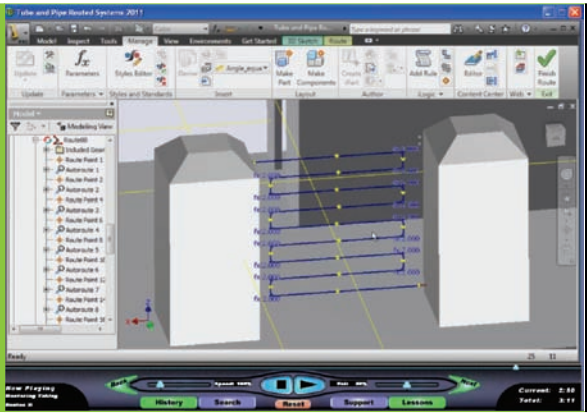
The course features include lessons presented in Metric and English, adjustable playback speed which allows learning at your own pace, lessons which can be viewed in full-screen, a keyword index which helps you find required lessons quickly and an automatic study which helps you track and allows you to open the course at the last lesson you viewed.

Supported Languages:
English

TEDCF Publishing

Accelerated Productivity 2013: Tube & Pipe Routed Systems

Tutorials and Training



TEDCF Publishing
32303 River Island Dr.
Springville, CA 93265
United States
Phone: +1 (559) 539-3032
Email: support@trainingtutorial.com
Web: www.trainingtutorial.com

Master the Tube and Pipe Add-In!
Tube and Pipe Routed Systems is an interactive, multi-media training tool designed to give you the ability to create runs that update properly and automatically. Advanced skills taught include creating derived routes and auto-routes along with populating your routes with pipes, hoses, and fittings. You can also learn how to create custom styles and publish iPart Families to the Content Center.

Step-by-step lessons are presented in short, audio-video demonstrations that you view on your computer. You can follow along in Autodesk® Inventor® for a “learn-by-doing” experience.

The course features include lessons presented in Metric and English, adjustable playback speed which allows learning at your own pace, lessons which can be viewed in full-screen, a keyword index which helps you find required lessons quickly and an automatic study which helps you track and allows you to open the course at the last lesson you viewed.

Supported Languages:
English

Okino Computer Graphics, Inc.

Okino PolyTrans & NuGraf For Inventor

Okino Computer Graphics, Inc.
3397 American Drive, Unit # 1
Mississauga, ON. L4V 1T8
Canada
Phone: 1-888-3D-OKINO
1-905-672-9328
Email: sales@okino.com
Web: http://www.okino.com

Translation

Okino's PolyTrans and NuGraf translation plus rendering software products are worldwide industry standards that provide a one-stop professional solution for Autodesk® Inventor® users to take their 3D CAD files and repurpose them into all major downstream 3D file formats, DCC animation programs (such as Autodesk® 3ds Max®, Autodesk® Maya®, Autodesk® Softimage®, Lightwave, Cinema-4D, Adobe Acrobat and many more) and visual simulation programs (such as Presagis Creator, VRML+X3D programs or any OpenFlight compatible program).

Downstream uses include product documentation and manual creation, animation and rendering software, visual communication and review of data, and access to simple and easy to manipulate versions of the original CAD datasets. You can import from native disk-based Autodesk® Inventor® files (no copy of Inventor required) or from a live, running copy of Autodesk® Inventor®.

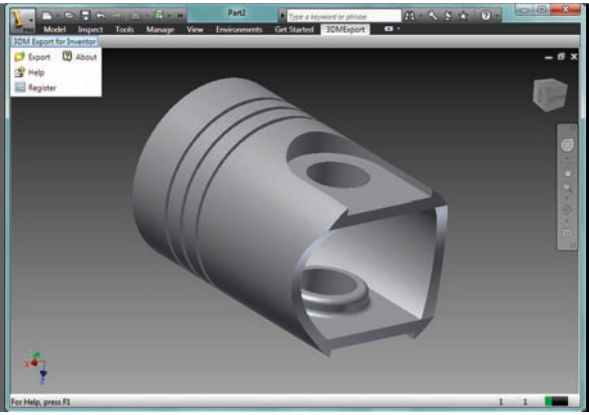
Okino's NuGraf package also provides scene composition, viewing, data optimization, high-end photo-realistic rendering and advanced material mapping. Reliability, robustness and personal one-on-one developer-to-customer support have been constants over the last two decades.

Supported Languages:
English

Sycode

3DM Export for Autodesk® Inventor®

Translation



Sycode
Office No. 3 & 5
Cosme Costa's Nucleus
NH 17, Alto Porvorim
Goa – 403521
India
Phone: +91 832 2413160/61
Fax: +91 832 2413162
Contact: Deelip Menezes
Email: MenezesD@3dsystems.com
Web: http://www.sycode.com

Sycode

3DM Export for Autodesk® Inventor® is a Rhinoceros® (.3dm) file export add-in for Autodesk® Inventor®. This add-in gives Inventor the ability to export 3D solid and surface data from an Inventor part or an assembly document to a 3D polygon mesh in a 3DM file.

3DM Export for Autodesk® Inventor® tessellates solid bodies from an Inventor part or assembly into a set of triangular meshes. These meshes are then exported to a 3DM file as mesh objects. The 3DM file can then be imported into a variety of CAD applications.

Supported Languages:
English

Sycode

3DM Import for Autodesk® Inventor®

Sycode
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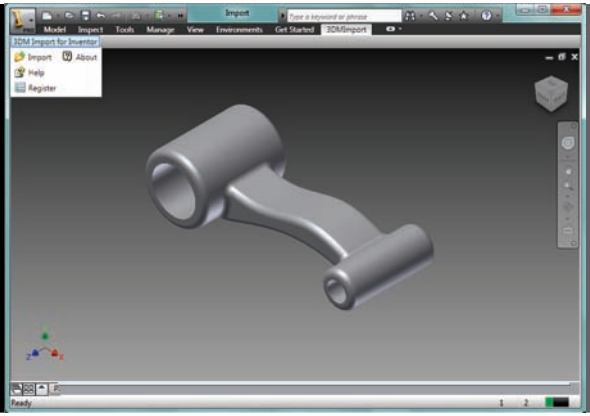
Fax: +91 832 2413162
Contact: Deelip Menezes
Email: MenezesD@3dsystems.com
Web: http://www.sycode.com



Translation

Sycode

3DM Import for Autodesk® Inventor® is a Rhinoceros® 3DM file import add-in for Autodesk® Inventor®. This add-in gives Inventor the ability to import geometric data from 3DM files. 3DM Import for Autodesk® Inventor® reads 3D objects in a Rhinoceros® 3DM file and creates corresponding 3D objects in Inventor. Not only does it convert NURBS surfaces and solids in 3DM files to surfaces and solids in Inventor, but also reads polygon mesh data stored in 3DM files and imports it into Inventor.

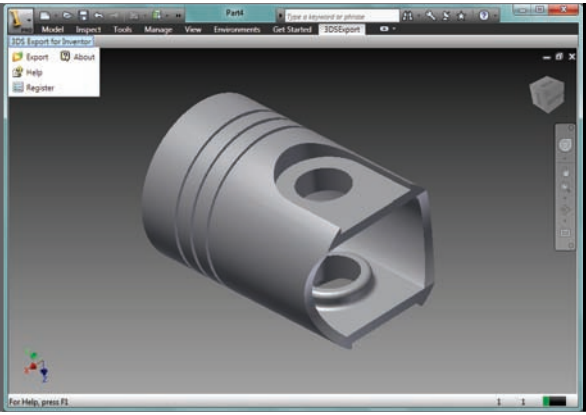
A polygon mesh in a 3DM file comprises a set of triangular and/or quad faces. 3DM Import for Autodesk® Inventor® creates trimmed planar surfaces for each triangle/quad and knits them together to create a body. If the polygon mesh is closed (i.e. it does not contain boundary edges) then 3DM Import for Autodesk® Inventor® will create a closed body feature, otherwise an open surface will be created.

Supported Languages:
English

Sycode

3DS Export for Autodesk® Inventor®

Translation



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Sycode

3DS Export for Autodesk® Inventor® is a Autodesk® 3ds Max® 3DS file export add-in for Autodesk® Inventor®. This add-in gives Inventor the ability to export 3D solid and surface data from an Inventor geometry to meshes in a 3DS file.

3DS Export for Autodesk® Inventor® tessellates the solid bodies in an Inventor part or assembly into individual triangular meshes. These meshes are then exported to 3DS file as mesh objects. The 3DS file can then be imported into a variety of CAD applications.

Supported Languages:
English

Sycode

3DS Import for Autodesk® Inventor®

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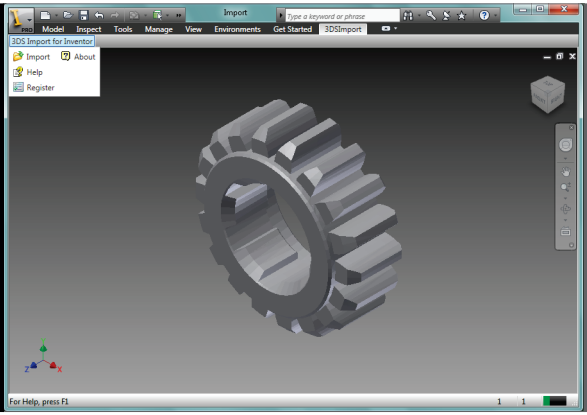


Translation

Sycode

3DS Import for Autodesk® Inventor® is a Autodesk® 3ds Max® 3DS file import add-in for Autodesk® Inventor®. This add-in gives Inventor the ability to import polygon data from 3DS files.

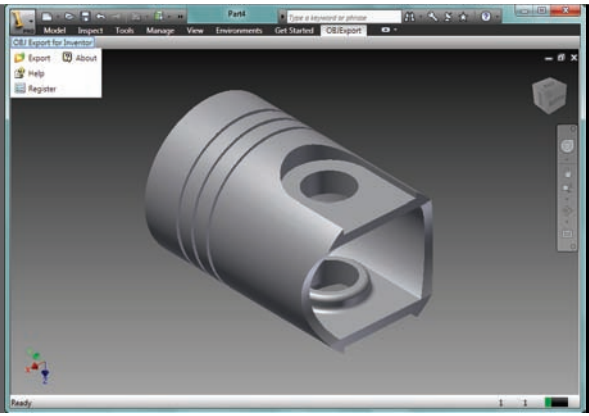
3DS Import for Autodesk® Inventor® reads polygon mesh data stored in 3DS files and imports it into Inventor. A polygon mesh in a 3DS file comprises a set of triangular faces. 3DS Import for Autodesk® Inventor® creates trimmed planar surfaces for each triangle and knits them together to create a body. If the polygon mesh is closed (i.e. it does not contain boundary edges) then 3DS Import for Autodesk® Inventor® will create a closed body feature, otherwise an open surface will be created.

Supported Languages:
English

Sycode

OBJ Export for Autodesk® Inventor®

Translation



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Sycode

OBJ Export for Autodesk® Inventor® is a Wavefront OBJ file export add-in for Autodesk® Inventor®. This add-in gives Inventor the ability to export 3D solid and surface data from an Inventor part and assembly document to meshes in an OBJ file.

OBJ Export for Autodesk® Inventor® tessellates the solid bodies in an Inventor part or assembly document into individual triangular meshes. These meshes are then exported to an OBJ file as mesh objects. The OBJ file can then be imported into a variety of CAD applications.

Supported Languages:
English

Sycode

OBJ Import for Autodesk® Inventor®

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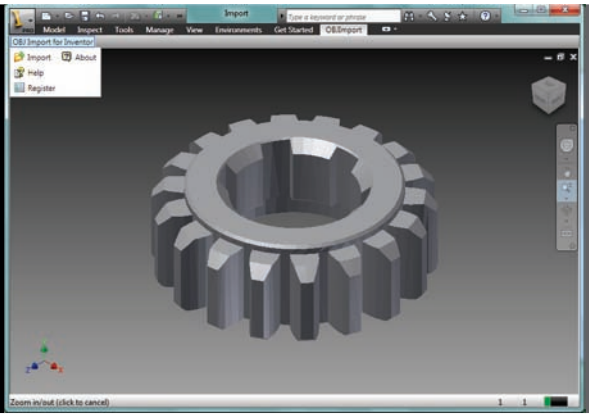
Web: http://www.sycode.com



Translation

Sycode

OBJ Import for Autodesk® Inventor® is a Wavefront OBJ file import add-in for Autodesk® Inventor®. This add-in gives Inventor the ability to import polygon data from OBJ files.

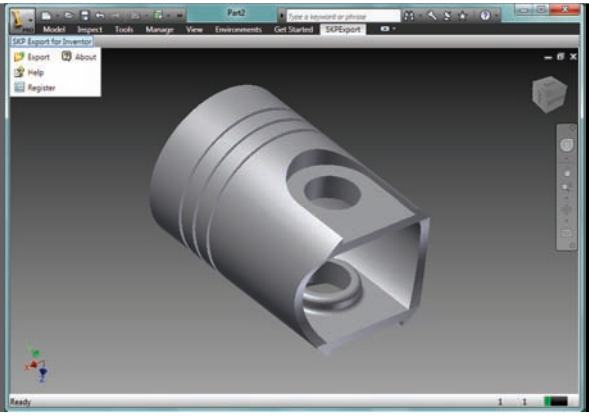
OBJ Import for Autodesk® Inventor® reads polygon mesh data stored in OBJ files and imports it into Inventor. A polygon mesh in an OBJ file comprises a set of triangular and/or quad faces. OBJ Import for Autodesk® Inventor® creates trimmed planar surfaces for each triangle/quad and knits them together to create a body. If the polygon mesh is closed (i.e. it does not contain boundary edges) then OBJ Import for Autodesk® Inventor® will create a closed body feature, otherwise an open surface will be created.

Supported Languages:
English

Sycode

SKP Export for Autodesk® Inventor®

Translation



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Sycode

SKP Export for Autodesk® Inventor® is a SketchUp® SKP file export add-in for Inventor. This add-in gives Inventor the ability to export geometric data from Inventor to SKP files.

SKP Export for Autodesk® Inventor® tessellates the solid bodies in an Inventor part or assembly document into individual triangular meshes. These meshes are then exported to a SKP file as mesh objects.

Supported Languages:
English

Sycode

SKP Import for Autodesk® Inventor®

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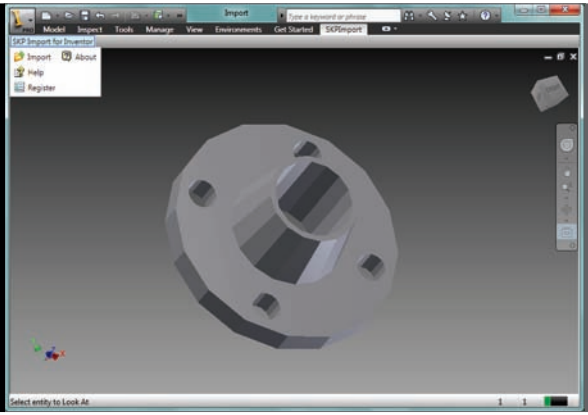
Web: http://www.sycode.com



Translation

Sycode

SKP Import for Autodesk® Inventor® is a SketchUp® SKP file import add-in for Autodesk® Inventor®. This add-in gives Inventor the ability to import geometric data from SketchUp® SKP files.

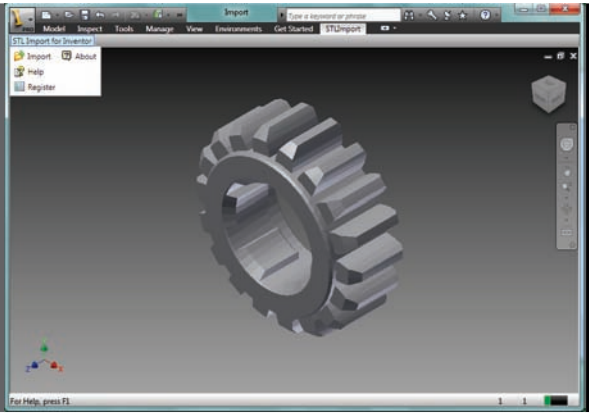
SKP Import for Autodesk® Inventor® reads polygon mesh data stored in SKP files and imports it into Inventor. A polygon mesh in a SKP file comprises a set of triangular and/or quad faces. SKP Import for Autodesk® Inventor® creates trimmed planar surfaces for each triangle/quad and knits them together to create a body. If the polygon mesh is closed (i.e. it does not contain boundary edges) then SKP Import for Autodesk® Inventor® will create a closed body feature, otherwise an open surface will be created.

Supported Languages:
English

Sycode

STL Import for Autodesk® Inventor®

Translation



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Sycode

STL Import for Autodesk® Inventor® is a Stereolithography (.stl) file import add-in for Autodesk® Inventor®. This add-in gives Inventor the ability to import polygon data from ASCII and Binary STL files.

STL Import for Autodesk® Inventor® reads polygon mesh data stored in STL files and imports it into Inventor. A polygon mesh in a STL file comprises a set of triangular faces. STL Import for Inventor creates trimmed planar surfaces for each triangle/quad and knits them together to create a body. If the polygon mesh is closed (i.e. it does not contain boundary edges) then STL Import for Autodesk® Inventor® will create a closed body feature, otherwise an open surface will be created.

Supported Languages:
English

Sycode

VTK Export for Autodesk® Inventor®

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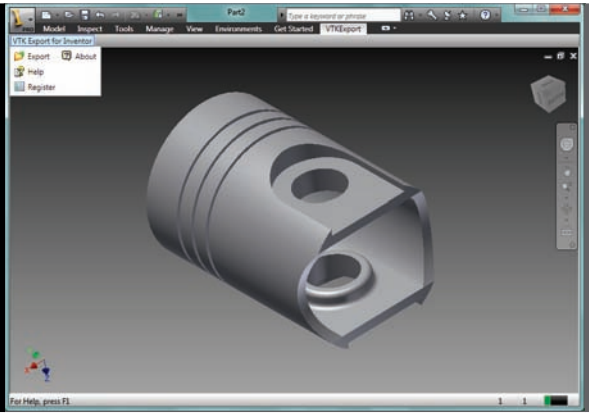
Email: MenezesD@3dsystems.com
Web: http://www.sycode.com



Translation

Sycode

VTK Export for Autodesk® Inventor® is a Visualization Toolkit (.vtk) file export add-in for Autodesk® Inventor®. This add-in gives Inventor the ability to export geometric data from Inventor to ASCII and Binary VTK files.

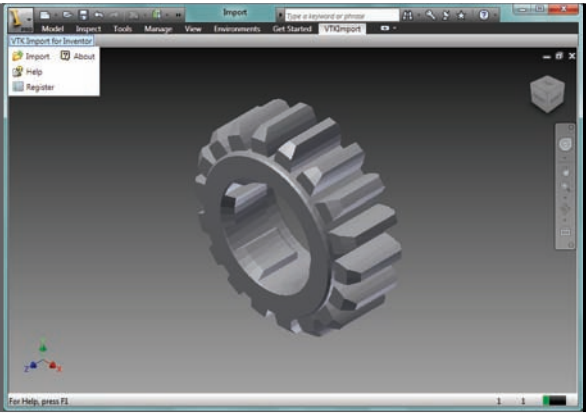
VTK Export for Autodesk® Inventor® tessellates solid bodies in an Inventor document into a set of triangular meshes. These meshes are then exported to a VTK file as mesh objects. The VTK file can then be imported into a variety of CAD applications.

Supported Languages:
English

Sycode

VTK Import for Autodesk® Inventor®

Translation



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Sycode

VTK Import for Autodesk® Inventor® is a Visualization Toolkit (.vtk) file import add-in for Autodesk® Inventor®. This add-in gives Inventor the ability to import polygon data from VTK files.

VTK Import for Autodesk® Inventor® reads polygon mesh data stored in VTK files and imports it into Inventor. A polygon mesh in a VTK file comprises a set of triangular faces. VTK Import for Autodesk® Inventor® creates trimmed planar surfaces for each triangle and knits them together to create a body. If the polygon mesh is closed (i.e. it does not contain boundary edges) then VTK Import for Autodesk® Inventor® will create a closed body feature, otherwise an open surface will be created.

Supported Languages:
English

TransMagic, Inc.

TransMagic

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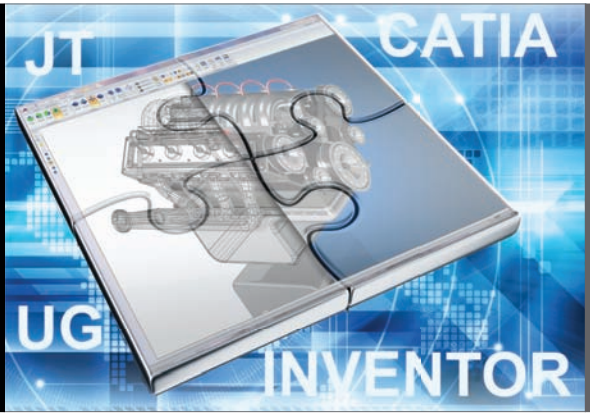
United States
Phone: +1 (303) 460-1406
Email: sales@transmagic.com
Web: www.transmagic.com



Translation

TransMagic, the all-in-one 3D CAD data exchange application, offers the highest quality translation, repair and visualization of 3D models, parts, surfaces and assemblies. Autodesk® Inventor® Certified, TransMagic is available as a convenient, translation-focused plug-in for Inventor or as a fully functional standalone application.

Streamlining processes and increasing design efficiency, TransMagic bridges common 3D CAD interoperability issues across the enterprise and between multiple design platforms. In addition to translation, geometry repair and visualization, TransMagic can also allow team collaboration, automation and custom enterprise solutions. Eliminating manual re-work and delays, TransMagic not only produces high quality, 'solid models' but ensures downstream usability with its Advanced Geometry Repair system capable of stitching surfaces together, closing gaps, and reconditioning parts for use in any other CAD/CAM system.

TransMagic enables the uninhibited movement of data between 3D design systems including Autodesk® Inventor®, AutoCAD®, CATIA V4, CATIA V5, Unigraphics, Pro/Engineer, SolidWorks, SolidEdge, Mastercam, ZW3D, Autodesk® Maya® and more. TransMagic also supports industry standard formats, Parasolid, ACIS, IGES, STEP, as well as specialized OBJ, PLY, CGR and STL formats.

Supported Languages:
English, German, Spanish, Portuguese

TransMagic, Inc.

TransMagic CATIA V5 Read/Write

Translation

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11859 Pecos Street
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Westminster, CO 80234
United States
Phone: +1 (303) 460-1406
Email: sales@transmagic.com
Web: www.transmagic.com

TransMagic's CATIA V5 Read/Write functionality imports, converts, views, repairs, and exports any version of 3D CATIA V5 files without incurring loss of data or model quality. TransMagic is not only capable of maintaining quality models but also allows unparalleled access to CATIA PMI data.

You can utilize TransMagic to open CATIA V5 files directly within TransMagic or the Inventor interface. Files created or modified in Autodesk® Inventor® can be exported directly to any version of CATIA V5 for immediate use in CATIA.

Work with exceptional software products while maintaining bi-directional compatibility with anyone using CATIA. Frequent product updates ensure your ability to communicate 3D designs effectively with any other person, department or company. These updates allow the use of the most current version of every file format offered, in addition to being backward compatible with prior versions.

Supported Languages:
English, German, Spanish, Portuguese

CAD Studio a.s.

VRML Translator for Autodesk® Inventor®

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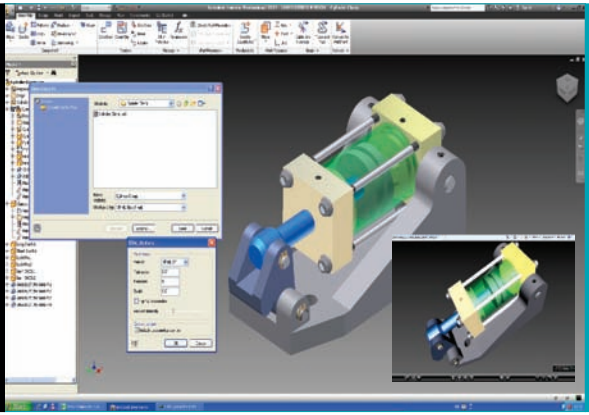
37001 Ceske Budejovice
Czech Republic
Phone: +420 841 111 124
Contact: Vladimir Michl
Email: vladimir.michl@cadstudio.cz
Web: www.cadstudio.cz



Visualization

VRML Translator for Autodesk® Inventor® adds VRML (wrl) file format to Inventor "SaveAs" formats. It publishes Inventor parts and assemblies to VRML2 3D format for Web or interactive 3D applications.

Supported Languages:
English

QuadriSpace Corporation

Pages3D™

Visualization

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Email: sales@quadrispace.com
Web: www.quadrispace.com

QUADRISPACE™

Pages3D™ is an easy-to-use, page design product that leverages existing 3D models to create printed and interactive documents. The software is as easy to install and use as standard Microsoft® Office products are. Right out of the box, Pages3D™ includes a powerful set of 3D tools for working with 3D models, 2D drawings, parts lists and formatted text allowing anyone to author complete printed or interactive documents. 3D CAD software is NOT required.

Manufacturing instructions, user guides, illustrated parts lists, service procedures and other product documents are necessary to get your products to market. As more products are designed with 3D design software, such as Autodesk® Inventor®, it becomes critical to reuse these highly informative 3D models for the creation of documents and communications.

Most companies go through a lengthy process that requires the author to manually capture images, manually create bill-of-materials, manually add callouts and then insert the images and tables into a word processing program. When updates are required the entire process is repeated. This multi-step, multi-program approach significantly limits documentation quality, effectiveness, ease-of-creation, maintainability and time-to-market.

With Pages3D™, customers report an immediate time-savings of 80% or more for document creation when compared to common methods in practice today. In addition, Pages3D™ allows users to update documents seamlessly when 3D CAD designs change, saving days of rework.

Supported Languages:
English

QuadriSpace Corporation

Publisher3D™

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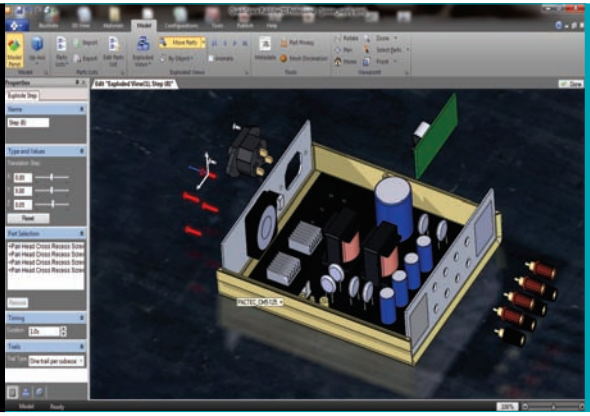
Phone: +1 (972) 359-6700
Fax: +1 (469) 854 4530
Email: sales@quadrispace.com
Web: www.quadrispace.com



Visualization

QUADRISPACE™

Publisher3D™ is an easy-to-use, illustration program that leverages existing 3D data to publish illustrations and animations. As an easy-to-use standard office application, Publisher3D™ provides all the 3D power needed by today's illustrators. Publisher3D™ is document-focused and includes unique capabilities such as tools for directly associating parts lists with illustration, call numbers, and an intuitive illustration workspace. Product documentation and graphics are easily created as vector graphics, high-resolution raster graphics, XML DITA topics, PDF documents and product animations. 3D CAD software is NOT required.

Technical illustrations are an important method of communicating information about products and services. Typically, illustrators do not have access to 3D data and end up redrawing products from scratch using general purpose drawing applications. Today's illustrators are under constant pressure to meet an expanding list of publishing requirements and ever tightening timelines.

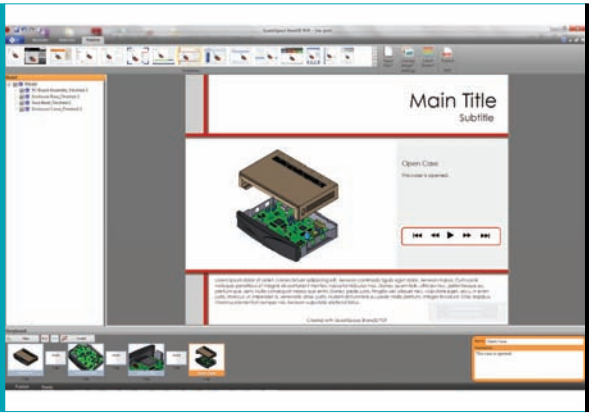
Users of Publisher3D™ get better results in two hours than they are able to get in weeks using other tools. Using Publisher3D™ provides multiple benefits including time-to-market improvements, quality improvements, effective communication and generally happier customers. In addition, a full library of illustrations can be updated in minutes, rather than hours or days.

Supported Languages:
English

QuadriSpace Corporation

Share3D™ PDF

Visualization



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Email: sales@quadrispace.com
Web: www.quadrispace.com

QUADRISPACE™

Share3D PDF (http://www.share3d.com) is a low-cost, yet effective, software solution for rapid creation of interactive 3D PDF documents. The widely-used PDF format natively supports communication with high-impact 3D. Share3D PDF makes the translation from current 3D model formats to 3D PDF easy, fast and reliable.

With Share3D PDF users can seamlessly import Autodesk® Inventor® assemblies, parts and presentation or DWF files. Once the files are imported, the user can rapidly capture 3D views which can be recalled easily with PDF bookmarks. The software includes more than 50 templates that can be previewed before publishing. These templates can be modified with custom text, color schemes, logos and images. Many templates include interactive buttons and clickable lists.

PDF files published with Share3D PDF can be viewed interactively by anyone that has Adobe® Reader 9 or later installed.

Supported Languages:
English

3Dconnexion, Inc.

SpaceExplorer

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330 Bear Hill Road, Suite 301
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UK: +44 1322 427 849
Nordic: +46 (8) 704 84 00
France: +46 (8) 704 84 00
Benelux: +44 7966 056 484
Rest of Europe: +377 97 97 67 05
Web: www.3dconnexion.com

Hardware

3Dconnexion
A LOGITECH COMPANY

SpaceExplorer is the 3D mouse of choice for design professionals who demand performance, comfort and style.

Simply push, pull, twist or tilt the 3Dconnexion Cap with its patented Six-Degrees-of-Freedom (6DoF) sensor technology to simultaneously pan, zoom and rotate your model or environment. It's the closest thing to actually reaching in and holding the model in your hand. QuickView Navigation Keys extend the power of the cap, enabling users to instantly access four standard views and encouraging levels of model exploration crucial to avoid costly design errors. Two Intelligent Function Keys adapt to the active application or application environment for fingertip access to relevant application commands, while the mid-size advanced wrist rest design ensures a comfortable working experience.

Supported Languages:
Chinese, English, French, German, Japanese

3Dconnexion, Inc.

SpaceNavigator

Hardware

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France: +46 (8) 704 84 00
Benelux: +44 7966 056 484
Rest of Europe: +377 97 97 67 05
Web: www.3dconnexion.com

3Dconnexion
A LOGITECH COMPANY

SpaceNavigator is the 3D mouse that lets everyone explore the freedom of intuitive, precise 3D navigation.

Simply push, pull, twist or tilt the 3Dconnexion Cap with its patented Six-Degrees-of-Freedom (6DoF) sensor technology to simultaneously pan, zoom and rotate. Increase pressure to go fast or decrease pressure to make intricate adjustments. It's the closest thing to actually reaching in and holding the model or camera in your hand. Whether you're working on complex assemblies, dazzling 3D models or fantastic fly throughs with a 3D mouse you can set your imagination free!

Supported Languages:
Chinese, English, French, German, Japanese

3Dconnexion, Inc.

SpaceNavigator for Notebooks

3Dconnexion, Inc
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UK: +44 1322 427 849
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France: +46 (8) 704 84 00
Benelux: +44 7966 056 484
Rest of Europe: +377 97 97 67 05
Web: www.3dconnexion.com

3Dconnexion
A LOGITECH COMPANY

SpaceNavigator for Notebooks is the portable 3D mouse that brings intuitive, precise 3D navigation to mobile users.

Simply push, pull, twist or tilt the 3Dconnexion Cap with its patented Six-Degrees-of-Freedom (6DoF) sensor technology to simultaneously pan, zoom and rotate your model or environment. Increase pressure to go fast or decrease pressure to make intricate adjustments. It's the closest thing to actually reaching in and holding the model or camera in your hand.

SpaceNavigator for Notebooks is two thirds the size and half the weight of its desktop counterpartmaking it the perfect travel companion for 3D designers and enthusiasts.
A travel case is also provides protection when it's not in use.

Supported Languages:
Chinese, English, French, German, Japanese

3Dconnexion, Inc.

SpacePilot Pro

Hardware

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330 Bear Hill Road, Suite 301
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France: +46 (8) 704 84 00
Benelux: +44 7966 056 484
Rest of Europe: +377 97 97 67 05
Web: www.3dconnexion.com

3Dconnexion
A LOGITECH COMPANY

SpacePilot Pro is the ultimate professional 3D mouse, engineered to excel in today's most demanding 3D software environments.

Simply push, pull, twist or tilt the 3Dconnexion Cap with its patented Six-Degrees-of-Freedom (6DoF) sensor technology to simultaneously pan, zoom and rotate your model or environment. It's the closest thing to actually reaching in and holding the model in your hand. Its breakthrough color and the LCD Workflow Assistant provides at-a-glance access to important information, including model properties, email, function key assignment and navigation settings.

Second generation QuickView Navigation Keys extends the power of the cap enabling you to instantly access 32 standard views, encouraging levels of model exploration crucial to avoiding costly design errors.

Five dual-function Intelligent Function Keys adapts to the active application or application environment for fingertip access to 10 application commands, while the full-size advanced wrist rest design ensures the most comfortable working experience.

Supported Languages:
Chinese, English, French, German, Japanese

3Dconnexion, Inc.

SpaceMouse Pro

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3Dconnexion
A LOGITECH COMPANY

SpaceMouse Pro is the latest addition to 3Dconnexion's line of professional 3D mice. With an advanced ergonomic design and innovative On-Screen Display, it delivers superior comfort and a simpler, more productive workflow. SpaceMouse Pro increases your productivity by more than 20%, as well as improving overall design quality. SpaceMouse Pro incorporates 3Dconnexion's patented 6-Degrees-of-Freedom (6DoF) sensor, which enables intuitive, precise navigation of 3D models and camera positions in 3D space plus 15 large, fully programmable function keys for quick access to frequently used application commands, standard views and keyboard modifiers. A convenient On-Screen Display provides a visual reminder of function key assignments on your computer screen, while SpaceMouse Pro's Virtual NumPad lets you input numerical data into your application using the standard mouse, rather than the keyboard.

With a full-size, soft-coated hand rest, SpaceMouse Pro supplies you with exactly the right tools at the right time making it an indispensable tool for anyone who works with 3D software.

Supported Languages:
Chinese, English, French, German, Japanese

Spatial Freedom Pty Ltd.

Astroid 6000

Hardware

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Australia
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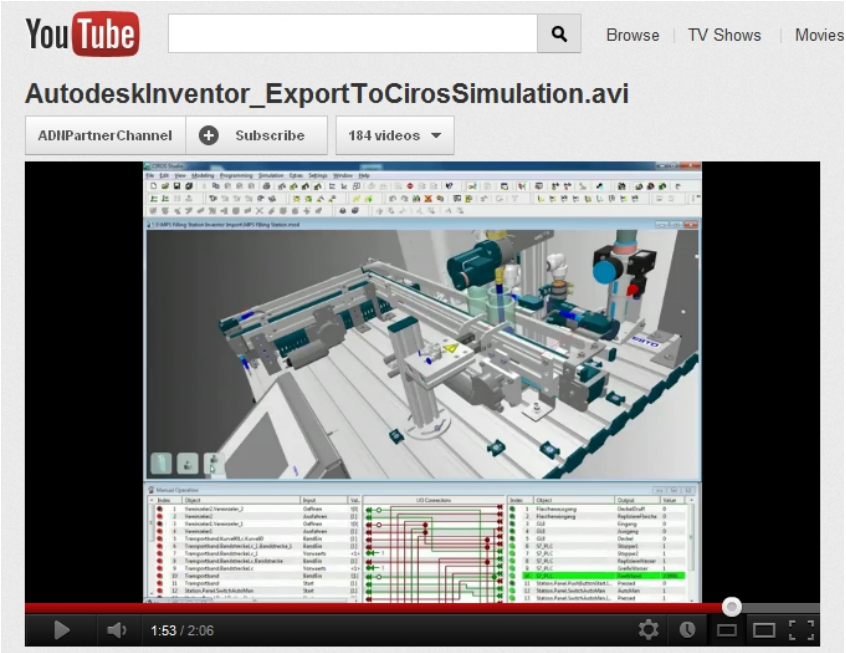
Web: www.spatialfreedom.com

The Astroid is a 3D mouse that dramatically speeds up the way you work with Autodesk® Inventor®. Typically used in your left hand with your normal 2D mouse in your right, you push and twist the tennis-ball sized sensor lightly with your fingertips to simultaneously pan, zoom and spin the model. The ball itself only moves a little as it senses the 3D push and 3D twist. There are eight programmable function buttons to provide quick access to any Inventor command.

The natural spatial control of the ball allows you to focus more on designing and less on model control. It also relieves your mouse hand from overuse by moving pan, zoom and spin control to your left hand.

Supported Languages:
English



A selection of video content covering Autodesk partner products are available on:

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