

CADRA

Raster Editing & Conversion Software

Preserve Legacy Data by Turning Paper Drawings Into Cadra Files

Cadra Raster enables you to take advantage of older, paper-based mechanical drawings by scanning and converting them into Cadra Design Drafting files. It is a raster-to-vector editing tool.

Why Choose Cadra Raster?

Preserve legacy data

Cadra Raster scans conventional paper drawings and converts them into Cadra drawings, eliminating the need for redrawing.

Save conversion time

Using Cadra Raster is up to 4X faster than recreating drawings manually.

Reduce your reliance on service bureaus

Instead of having service bureaus perform conversions, you can keep conversion work in-house, performing raster conversion and editing drawings at multiple workstations.

Increase your productivity by using software tuned for mechanical design

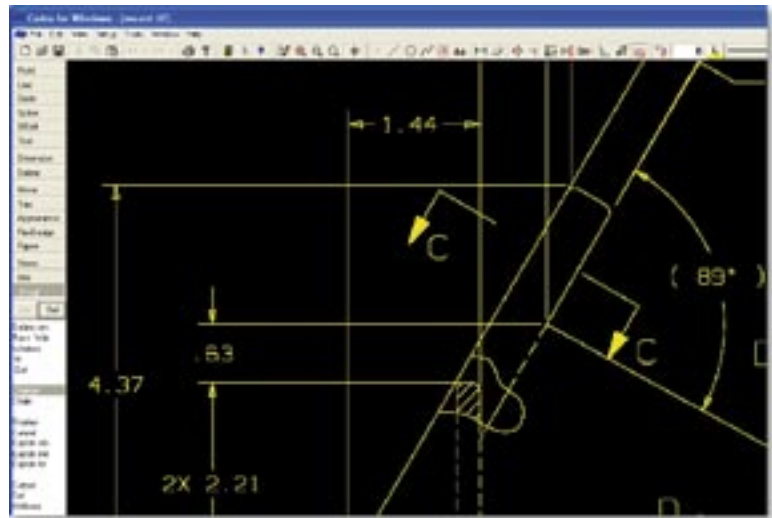
Cadra is a mechanical design program tuned to the specific needs and requirements of manufacturing companies, and is designed to deliver productivity right out of the box. Timesaving features include associative detail views (which enable you to zoom in on a specific section of a design to annotate and dimension it), "one touch" production tools (quick dimensioning, trimming, etc.) and variational/parametric techniques (for fast and easy editing and family of parts creation).

Use software that's preferred by the world's leading manufacturing companies

Cadra is proven mechanical design software, which has been continually refined over the past fifteen years. It is used daily by leading companies around the globe including Braun, General Dynamics, Electric Boat, Polaroid, Volkswagen, and Yamaha.

Global Solution

Cadra is available in multiple languages (English, French, Italian, German, Japanese) and is supported worldwide. Available services include on- and off-site training, database conversions, and software options such as programming tools, viewers, and translators to/from other CAD programs.



Low Cost of Ownership

The many benefits of Cadra - more efficient drawing production, more time for design iterations, improved product quality, faster time to market, and interoperability with your existing CAD and business tools translate into a low overall cost of ownership.

Cadra Raster Features

Cadra Raster is a set of editing tools, which convert rasterized images into useable vector format drawings.

Options include:

- Edit raster data
- Erase raster data
- Replace raster data with vector data
- Add new vector entities to the raster database
- Trace raster data to convert it to vector format
- Completion of the brief raster-to-vector conversion process yields a drawing equivalent to a natively created

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INTELLIGENT DESIGN & DRAFTING

Cadra CAD drawing

- Easy-to-use paint functions facilitate erasing, moving, or copying portions of scanned drawings
- Drawings are stored in an all-raster, all-vector, or combination of raster/vector data formats
- Tracing option enables copying only a small portion of a large drawing if desired
- Threshold window feature visually tracks the progress of raster-to-vector conversions in-process
- Cadra Raster also supports reverse direction conversion (vector-format drawings to raster)
- Tight integration with Cadra Design Drafting enables you to use advanced Cadra editing tools such as variable line width, and pan and zoom for both vector and raster editing
- Supports import and export of CALS, TIFF (CCITT Group 3, Group 4, and Uncompressed) image formats, as well as a number of other scanner image formats including Image-X, Ana Tech, GTX, and Integrated Automation
- Utilizes traditional Windows graphical user interface (GUI) on the PC platforms
- Familiar Windows-style menu bar with feature-rich toolbars and Windows Tooltips
- Intuitive dialogue boxes expedite overall operation and drawing manipulation
- Copy, cut, and paste instantly between Cadra and other Windows applications with Clipboard
- Flexible, user-configurable desktop layout
- On-line help
- WYSIWYG (What-You-See-Is-What-You-Get) display

Products

CAD/CAM products available from Softech include:

Base Products

Cadra Design Drafting - a 2-1/2D design and drafting program

designed to speed the production of mechanical drawings

Cadra NC - a 2 through 5 axis NC programming package

Cadra View/Check - a viewing and/or red-lining utility which provides broad access to Cadra drawings and models across the organization

DesignGateway - allows product data and all related project documents to be accessed, viewed, and edited

Cadra Options

CadraWorks - an integration product that tightly couples Cadra and SolidWorks

CadraDirect - reads and writes directly to industry leading software including CADAM, CADDs, DWG, DXF, IGES, and reads CATIA and MICROCADAM

Cadra Autogeometry - an easy to use macro programming language

CadraLIB/BOM - assists Cadra users in conforming to QS/ISO standards by locating parts and storing their location automatically

CadraEDM - manages the workflow and documents of an Engineering department, which may include Cadra files

Requirements and Licensing

Cadra Raster is an add-on option for use with the Cadra Design Drafting application which runs under a license management system. Under the license manager, applications can run on single systems or local and wide area networks. License management lets you configure your system for maximum resource usage while minimizing software costs. Alternately, Cadra may also be licensed utilizing the Globetrotter Licence Manager FLEXlm.

Platforms

Cadra Design Drafting operates on PC's running NT, 2000 and XP Professional, as well as UNIX workstations running HP-UX or SUN Solaris.

For More Information

To contact your local SofTech representative, call us at 1-800-800-3702 (Int'l +1 978 640 6222), e-mail us at softech-sales@softech.com or visit us on the Web at www.softech.com.



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