

autodesk®

2004



Create compelling presentations with real-world imagery that's integrated with design data.

Add Value to Your Design Projects

Integrate scanned paper drawings, aerial photos, maps, or satellite images into your design projects with **Autodesk® Raster Design 2004**. Use Autodesk Raster Design to edit raster data, convert raster to vector, and combine real-world imagery with your drawings to help get your projects approved faster. With Autodesk Raster Design, you can gain value from your legacy documents—and avoid time-consuming redrafts.

Better Images, Better Projects

Enhance all your image-driven projects with Autodesk Raster Design software. Incorporate aerial photos and satellite imagery for greater presentation impact. Combine information-rich raster images and intelligent vector drawings. Integrate existing drawings and photographs into new architectural designs. Or capitalize on valuable paper drawings and maps by updating and interactively converting them to vector objects that you can use in civil engineering, mapping, or GIS projects.

Sophisticated Editing and Conversion

Autodesk Raster Design 2004 has a complete suite of image editing and conversion tools to help you achieve precisely the results you want. Use common AutoCAD® selection methods to identify raster entities and regions, then modify them with standard vector editing commands such as move, copy, and rotate. Interactive vectorization tools quickly convert geometry and text to meet your design needs.

Image Processing

Expand the capabilities of your present AutoCAD platform-based software through integration with Autodesk Raster Design. A suite of image-processing tools helps you get the most out of your color and grayscale imagery. Improve scanned images with Tonal Adjustment, and standardize color use with Palette Manager. You can also apply filters, change image color depth, and adjust image density. With Autodesk Raster Design, you'll improve image quality and breathe new life into all your projects and presentations.

Autodesk Raster Design 2004

Vectorization Tools

- Save manual data entry time and improve accuracy when converting text-heavy drawings and maps with optical character recognition.
- Use One Pick with SmartCorrect technology and geometry verification to create lines and polylines from raster drawings.
- Create circles, arcs, text, and rectangles with improved tools.
- Control output with Vector Separation options for continuous and noncontinuous entities.

Image Manipulation and Editing

- Bring details out of the shadows without affecting highlights.
- Standardize the use of color images, improve efficiency of color use with images, and improve control of transparency color selection.
- Improve accuracy and get more predictable results from rubbersheeting.

REM with SmartPick

- Use standard AutoCAD commands to operate on raster regions and primitives.
- Create REM (raster entity manipulation) primitives using SmartPick, one-pick, or multipoint selection methods.
- Create REM regions from existing vector geometry.
- Create enhanced bitonal REM regions using a smart or connected option and standard data selection techniques.
- Select REM regions from across multiple images in a single operation.
- Erase raster lines, arcs, and circles using the quick-delete function.
- Preserve intersecting raster geometry when you move or erase raster entities.

Image Display

- Read and write georeferenced images to and from the Web with URL support.
- Insert georeferenced wavelet format imagery, including ECW and MrSID®.
- Adjust correlation parameters with the Correlation wizard.
- Access object properties in the AutoCAD Properties window.

Raster Snap

- Snap to raster inside any command, on-the-fly, across multiple images.
- Snap to raster edges, intersections, corners, endpoints, or centerpoints.

Configuration/Automation

- Support multiple users with centralized network deployment.
- Automate key commands with ActiveX® interface using VBA, Visual LISP®, or Java™.

Internet Collaboration Tools

- Post drawings online with Publish to Web.
- Create improved high-resolution DWF™ (Design Web Format™) files for viewing and plotting.
- Bundle drawings and all associated files (images, fonts, xrefs, and standards files) in one convenient email transmittal package with eTransmit.
- Store files online using the Autodesk® Buzzsaw™ online project collaboration service.

System Requirements

- Microsoft® Windows® XP Professional or Home Edition, Windows 2000, or Windows NT® 4.0 (SP6a)
- One of the following Autodesk products installed:
 - AutoCAD® 2004
 - Autodesk® Architectural Desktop 2004
 - Autodesk® Land Desktop 2004
 - AutoCAD® Mechanical 2004
 - Autodesk Map™ 2004
 - Autodesk® Mechanical Desktop® 2004
- 125 MB available disk space in addition to the minimum system requirements for the Autodesk product on which Autodesk Raster Design is installed

Purchase or Learn More

Purchase Autodesk Raster Design software through your preferred Autodesk Authorized Reseller or Autodesk® Authorized Systems Center (ASC). To locate the reseller or ASC nearest you, visit www.autodesk.com/reseller.

The new Autodesk Subscription Program is the easiest way to ensure you're always using the most current technology. For information, contact your Autodesk Authorized Reseller or visit www.autodesk.com/subscription.

For more information about Autodesk Raster Design, visit www.autodesk.com/rasterdesign.

autodesk®

Autodesk, Inc.
111 McInnis Parkway
San Rafael, CA 94903
USA

Autodesk, AutoCAD, Autodesk Map, Buzzsaw, Design Web Format, DWF, Mechanical Desktop, and Visual LISP are either registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders.

© Copyright 2003 Autodesk, Inc. All rights reserved.

00000000000113081