

autodesk®

2005

## From Single Drawings to Sets of Drawings with Maximum Efficiency

Efficiently go from idea, to single drawing creation, to the delivery of a coordinated set of drawings with **AutoCAD® 2005** software. Boost drafting productivity with handy tools like automated tables and space-saving tool palettes. Control content across entire sets of related drawings with the Sheet Set Manager. And, in a single view, compose and collate sheet sets and share them with your project team using enhanced plotting, one-click eTransmit, or DWF™ files. The result? Dramatic time saving, increased productivity, and better-coordinated documentation.



### Yokohama Ferry Port Terminal Yokohama, Japan

With AutoCAD software, the architects were able to disseminate design information among team members quickly and securely, with the benefits of greater productivity, fewer documentation errors, and faster project completion.

**Project:**  
Yokohama Ferry Port Terminal  
Yokohama, Japan

**Architects:**  
Foreign Office Architects  
London

### The New Standard in CAD Productivity

Productivity directly affects your company's profitability and position in the marketplace. AutoCAD 2005—the new standard in CAD productivity—keeps you competitive no matter what industry you work in, giving you maximum speed, power, and efficiency throughout your design process.

The new standard began with AutoCAD 2004 software's optimized DWG file format with 52 percent smaller file sizes, providing dramatic productivity gains of up to 70 percent.\* AutoCAD 2005 builds on that foundation with new tools that simplify and, in some cases, even eliminate routine drafting tasks, helping you efficiently create single drawings as well as manage entire sets of related drawings.

### Efficiently Create, Manage, and Share Sheet Sets

At the end of the day, you need to deliver not just one drawing, but the collection of drawings that make up the project—your sheet set. AutoCAD 2005 extends beyond single drawing productivity with the new Sheet Set Manager for the efficient creation, management, and sharing of sheet sets. In a single interface, you can access sheets, group them into logical categories, create a sheet index,

manage sheet views, archive sheet sets, and share them with your project team using plots, eTransmit, or DWF files. You benefit not just from massive time saving but also from improved coordination and lower risk.

### Out of the Box—and Beyond

AutoCAD 2005 is great right out of the box for 2D drafting and 3D design. But you can also take advantage of its unmatched ability to adapt to specific projects and workstyles. For example, you might personalize the interface by changing its icons or tool palettes, extend the software's functionality using a third-party application—there are thousands available—or write a simple LISP routine to automate repetitive tasks.

### Easiest AutoCAD Migration Ever

Already an AutoCAD customer? AutoCAD 2005 makes upgrading smoother than ever with in-product migration capabilities that transfer your files, settings, preferences, customized menus, and LISP routines from previous AutoCAD versions—helping to get you up and running in no time.

# AutoCAD 2005—Create, manage, and share entire sets of related drawings with maximum efficiency.

Creating a single drawing as efficiently as possible is important. Delivering an entire set of coordinated drawings is critical. With AutoCAD 2005 you can do both. It's still the world's leading customizable and extendable CAD software for 2D drafting and design and basic 3D visualization. Plus AutoCAD 2005 takes drafting productivity to the next level with a comprehensive, easy-to-use toolset for efficiently producing, organizing, and publishing sets of related drawings.

## SHEET SET MANAGER

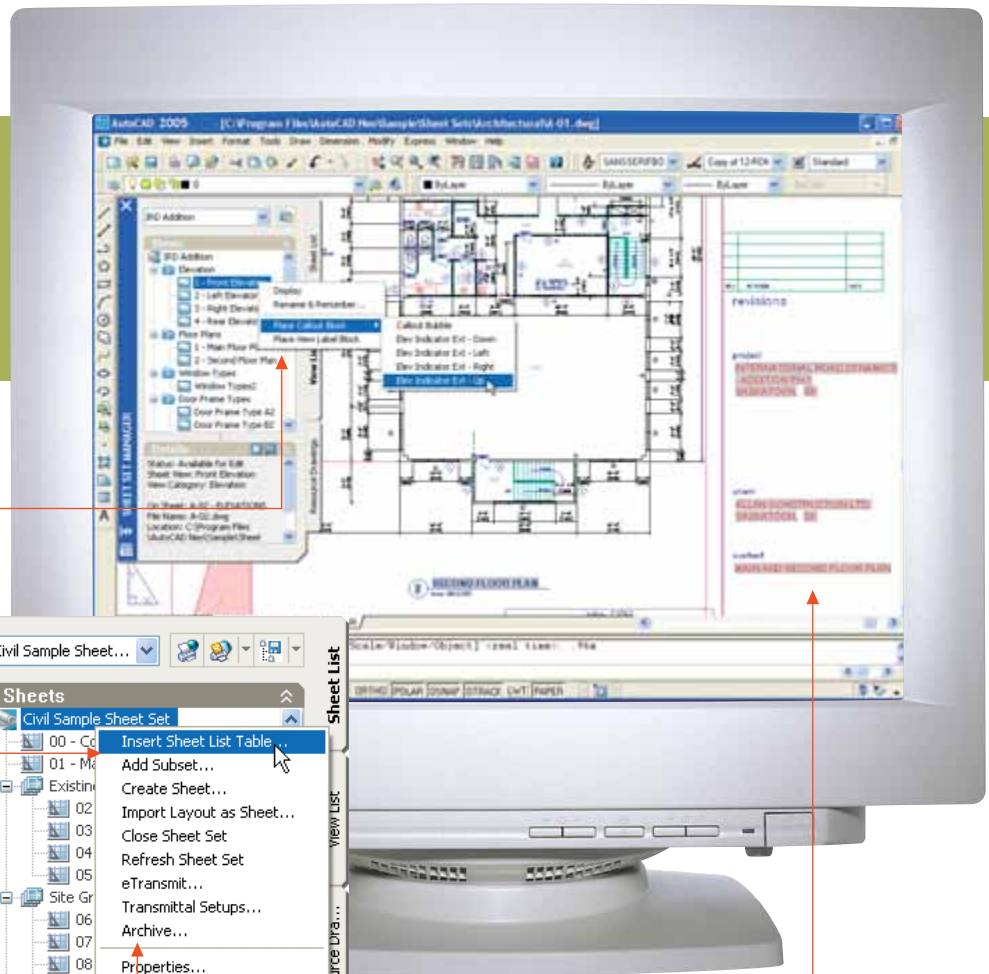
From a single view, you can quickly create, logically organize, easily find, and simply publish sets of related drawings—regardless of where or how the data is stored.

## CALLOUTS

Always maintain the correct sheet number, automatically.

## SHEET INDEX

Generate a sheet index with one click. The index updates automatically as sheets are added, removed, or resequenced.



## ARCHIVE

Automatically archive sheet sets at project milestones to ensure accurate history and to easily revisit previous versions.

## FIELDS

Automatically update text throughout your drawings and sheet sets, saving time and avoiding costly mistakes.

## Do More in Less Time with Powerhouse Productivity Tools

### BACKGROUND PLOTTING

Keep working as you publish your designs to DWF files or plot them to paper.

### ETRANSMIT

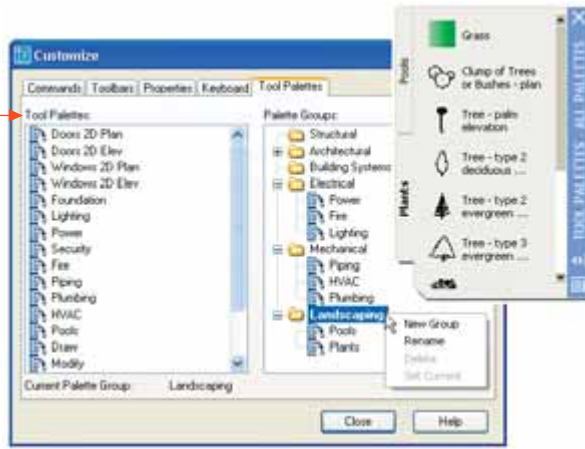
Conveniently exchange drawings with users of AutoCAD or AutoCAD-based software. Package and send entire sets of drawings to multiple recipients with all the information (including xrefs and fonts) needed for easy transmission.

### SIMPLIFIED PLOTTING INTERFACE

Reduce training time and increase productivity with a dramatically revised dialog box. The simplified process gives you confidence in your output and ensures that the print-out is what you intended.

### ENHANCED TOOL PALETTES

Easily create customized tool palettes that can contain any type of content—including commands, macros, and LISP routines. Tool palettes provide quicker access to content, increased screen space, and enhanced project standardization.



### LAYER PROPERTIES MANAGER

Manage and access layers more efficiently with filters that can uniformly apply property changes to all layers in a group.



*More speed, power, and efficiency with the new standard in CAD productivity.*

## AutoCAD 2005 Builds on the Power of AutoCAD 2004

### SPEED, FILE SIZE, PERFORMANCE

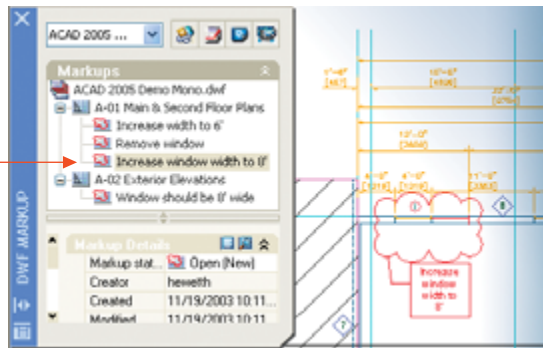
Enjoy faster open, save, and other operations with an optimized DWG file format that reduces file sizes by as much as 52 percent\* and supports digital signatures and password protection for greater security.

### PRESENTATION GRAPHICS

Create compelling presentations with new true color, RAL and RAL Design, and PANTONE® colors and gradient fills, and WYSIWYG (what you see is what you get) plotting.

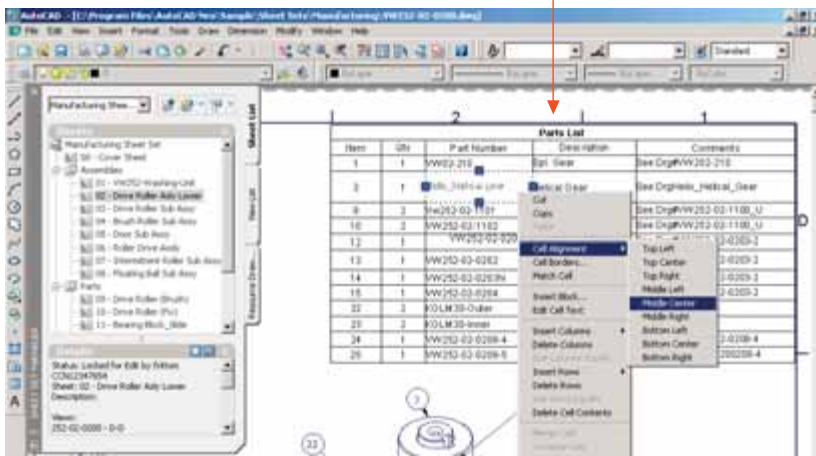
### MARKUP REVIEW

Overlay DWF markups created with Autodesk® DWF™ Composer, streamlining the review and editing process.



### TABLES

Quickly create and modify data tables such as schedules and bills of materials using predefined table styles and a single command.



# AutoCAD 2005

## Faster Creation with Productivity Tools

- Fields—Automatically update text fields.
- Tables—Create and modify table content as in standard word-processing software.
- Tool palettes—Save screen space with easily customizable tool palettes that accommodate any content.
- Presentation graphics—Create compelling presentations with new true color, RAL and RAL Design, DIC Color Guide®, and PANTONE colors and gradient fills, plus WYSIWYG (what you see is what you get) plotting.
- OLE objects—Automatically insert, scale, and orient OLE (object linking and embedding) objects.

## Simplified Data Sharing with Collaboration Tools

- Simplified publishing—Benefit from one-click publishing and a new, more intuitive interface.
- Background plotting—Output to DWF files or paper while continuing to work.
- eTransmit—Automatically package and deliver drawing sets to multiple recipients.
- Multisheet DWF publishing—Publish single sheets or entire sheet sets.
- Markup review—Overlay and review DWF markups created in DWF Composer.

## More Efficient Management with Sheet and Standards Tools

- Sheet Set Manager—Control content across sets of related drawings.
  - Accessing sheet sets—View entire project sheet sets in a single interface.*
  - Organizing sheets—Group sheet sets into logical categories.*
  - Managing sheet views—Automatically create and update cross-references between sheets and views.*
  - Archiving sheet sets—Produce and store copies automatically.*
- View and viewport enhancements—Efficiently create and reuse views and viewports.

- Layer management—Quickly define, select, and update layers.
- CAD standards—Efficiently check and fix CAD standards violations.

## Recommended System Requirements

- Intel® Pentium® III processor or later, 800 MHz
- Microsoft® Windows® XP (Professional, Home Edition, or Tablet PC Edition) or Windows 2000 Professional
- 256 MB RAM
- 300 MB free disk space for installation
- 1024x768 VGA with true color
- Mouse, trackball, or compatible pointing device
- Microsoft Internet Explorer 6.0
- CD-ROM drive

## Companion Products and Services

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\*Measurement is a preliminary indicator based on automation testing over a controlled network. Results are approximate and are subject to error and change. Product information and specifications are subject to change without notice. Autodesk provides this information "as is," without warranty of any kind, either express or implied.



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