

Adobe® InDesign™

New Product Overview

Page-layout and design for the future of professional publishing

Adobe InDesign is redefining professional publishing software, delivering a level of Adobe integration, creative freedom, productivity, and precision that no other page layout program can touch. This innovative program solves a looming problem for the publishing industry: current page layout programs have limitations built into them because of the state of technology at the time they were first designed. While these aging tools have served the publishing industry well, they're no longer capable of quickly adapting to evolving technologies. Adobe InDesign delivers a brand-new, state-of-the-art publishing platform that can smoothly carry professional designers into a new era.

In developing this program, Adobe Systems has carefully researched what professional designers want from their page layout software and created a program that fulfills ardent requests for more integrated tools and for greater creative freedom, productivity, and precision. Using Adobe InDesign, professional designers in agencies, magazines, advertising groups, catalogs, and other creative ventures gain a powerful, flexible publishing environment. Plus, Adobe InDesign delivers the precision software and streamlined workflow that production artists and prepress professionals require. With Adobe InDesign, you can:

- **Work in a superbly integrated Adobe design environment.** If you use Adobe Photoshop® or Adobe Illustrator® software, you'll feel instantly at home using Adobe InDesign because of its consistent Adobe user interface. These programs include similar commands, tools, keyboard shortcuts, and palettes, so you can hit the ground running with InDesign and work more effectively in a highly integrated, extended design environment. In addition, InDesign, Illustrator, and Photoshop share core technologies to ensure consistent handling of key design elements, such as color and type. InDesign also opens QuarkXPress® 3.3–4.04 files and PageMaker 6.5 files, so you can easily move existing work into this new design world.
- **Experience true creative freedom.** Adobe InDesign opens a new level of creative possibility with innovative tools. Its elegant approach to text and graphics frames makes it simple for you to create extraordinary layered visuals quickly. You can nest a frame within a frame within a frame, while retaining complete control over the size, position, rotation, and other attributes of each of those frames. InDesign also delivers a flexible gradient tool, bézier path tools, clipping path support, and other extraordinary creativity enhancements.
- **Maximize your speed and productivity.** Adobe InDesign software includes dozens of features that help you work faster without sacrificing high-quality results. Experiment freely—with the program's multiple undo and redo support, you can never go too far. Page sizes reach up to 18 feet by 18 feet, and spreads can contain up to 10 pages. Document-wide layers help you manage elements, while multiple simultaneous views of publications give you a real-time view of how changes made in one place affect another. When creating master pages, base one master page on a related master page—then any future changes can ripple instantly through all related parts. Use the Keyboard Shortcut Editor to customize your shortcuts or to select a set of compatible keyboard shortcuts for QuarkXPress included with the program. Automatic layout adjustment, character and paragraph styles, and preflighting/packaging controls round out these diverse tools.
- **Achieve exacting control and precision.** Adobe InDesign introduces an innovative multi-line text composer that sets a new standard for typographical controls. Flexible grids and ruler guides give a range of ways to structure documents—even providing customizable view thresholds so they appear only when needed. Work with extensive kerning controls to fine-tune letter spacing. Use the Navigator palette to zoom from a 5% to a 4,000% view instantly. Rely on ICC-based color management to keep colors consistent from concept to final printing. And efficiently prepare publications in multiple languages using 21 built-in dictionaries. Whether you want to position an object with pinpoint accuracy or produce the highest quality typography possible on the desktop, Adobe InDesign provides the control to design pages with precision.

This document will give you an overview of some of the most exciting features in this rich new release. For more detailed descriptions of these and other features in Adobe InDesign, see the *Adobe InDesign Reviewer's Guide*. In addition, a series of *Adobe InDesign In Depth* white papers, which focus on specific topics such as typography or color, will be available on the Adobe Web site.

Rely on tight integration with other Adobe products

Your creative life is focused on design decisions, deadlines, and other details, not on the ins and outs of using software tools. That's why people tend to stick with programs they know, no matter what their limitations. The beauty of Adobe InDesign is that it removes this obstacle by offering an incredibly short learning curve. If you're a Photoshop or Illustrator user—and most computer-based designers work with at least one of those programs—you can get to work within minutes with InDesign because of this common user interface. These programs even share core Adobe technologies to provide you with more consistent on-screen and printed results in your design work. Together InDesign, Illustrator, and Photoshop software deliver a consistent, extended design environment that makes it easy and efficient to jump from one program to the next to do your work.

What's more, the integration doesn't stop there. Adobe InDesign offers complete cross-platform support. It also opens QuarkXPress 3.3–4.04 files and PageMaker 6.5 files, preserving your investment in that work and making your transition to this versatile new publishing program more straightforward. In addition, you can import native Illustrator, Photoshop, and Adobe Portable Document Format (PDF) files, as well as other file formats, and develop a sound PDF-based prepress workflow.

Award-winning Adobe user interface

The first thing you'll notice when you launch Adobe InDesign is how similar it looks to Illustrator and Photoshop (see page 3 for a visual overview of the similarities). Wherever appropriate, these programs share common tools, commands, palettes, and other interface elements. You can even rely on the same keyboard shortcuts as you move from program to program to develop creative work. Want to create a color or a layer in Adobe InDesign? Open the Color or Layers palette in InDesign, each of which work like Color and Layers palettes in Photoshop and Illustrator. Need to zoom in or out of a publication? The handy, Adobe-standard Navigator palette is there to help you. Browse the File, Edit, Type, Object, View, and Window menus in Illustrator and InDesign to see similar commands. Or select the pen, type, hand, zoom, and gradient tools, which work the same across all three Adobe programs (Illustrator and InDesign share even more tools in common). The bottom line is that you can make the transition to InDesign without a backward glance.

Support for QuarkXPress and PageMaker documents

Over the last 15 years, a significant amount of design work has been created in QuarkXPress and Adobe PageMaker, producing a huge and valuable bank of design files. Adobe InDesign preserves your investment in these legacy files, converting them from QuarkXPress 3.3–4.0 and PageMaker 6.5 on either platform to InDesign publications. To convert documents, you simply choose Open from the File menu in InDesign, locate the QuarkXPress or PageMaker document, and let InDesign handle the rest. It protects text attributes wherever possible, maps masked objects to frames, preserves embedded profiles in images, translates most color management settings to equivalent settings in InDesign, and handles other aspects of the conversion intelligently. Adobe plans to make conversion kits available to provide detailed information about managing the process. With this comprehensive support for legacy files, you can step into the new publishing world of Adobe InDesign without starting from scratch.

Extensive support for Adobe Portable Document Format

Adobe InDesign delivers impeccable support for Adobe Portable Document Format (PDF) files, ensuring that you can develop a PDF-based prepress workflow or make your publications available in PDF format on the Web. PDF files are playing an increasingly important role in prepress workflows for a number of reasons: they are smaller and easier to manage than native files; they work across platforms; and they produce a clean, reliable Adobe PostScript® stream. The combination of application independence, small file sizes, and reliable PostScript means that service providers can develop faster, less error-prone printing processes.

Keyboard shortcuts for QuarkXPress customers

QuarkXPress users are just as invested in the shortcuts they know as Photoshop and Illustrator users are. That's why Adobe InDesign includes a custom set of keyboard shortcuts for QuarkXPress. Just set a preference for InDesign to work with QuarkXPress shortcuts, then ease smoothly into your work. For more details on customizing keyboard shortcuts, see "Keyboard shortcut editor" on page 9.

A Consistent Adobe Design Environment

Here's a quick overview of half a dozen ways Adobe InDesign works smoothly with Adobe Photoshop and Adobe Illustrator. It's a level of integration that turns three software programs into one seamless design environment.

Layers palette

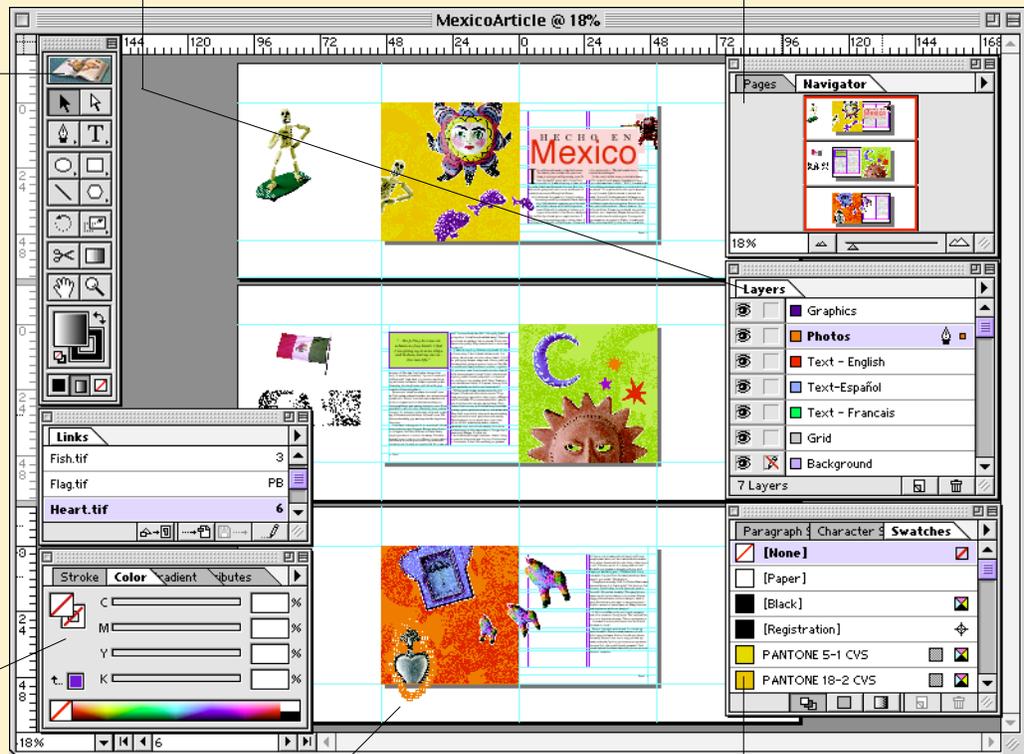
Layers make it easy to organize design elements, isolate elements you want to work on, or create multiple versions of a document in a single file. With layers, you can create more richly textured looks for your designs because you have more control over the placement of all of your design elements. So go ahead...create those layers. Name, hide, display, and lock them. And most of all, enjoy doing these tasks the same way in InDesign, Photoshop, and Illustrator. For more details about using layers and the Layers palette, see page 8.

Navigator palette

You need to move around your documents all the time, but you don't want to spend a second thinking about how to do it. That's why Adobe has designed the Navigator palette for its professional graphics programs. No matter where you are working—InDesign, Photoshop 5.0, or Illustrator 8.0—you can zoom in and out of your designs and adjust your view of them using a consistent navigation system. For more details about the Navigator palette, see page 12.

Toolbox

If you're like most Photoshop and Illustrator users, you have your single-key shortcuts memorized, so you can move rapidly from one tool to the next dozens of times a day. The good news is that you don't have to learn a new set of shortcuts to select the same tools in InDesign. That's because InDesign, Photoshop, and Illustrator share common tools, tool names, and shortcuts. Whether you want to create a path with the pen tool, type vertical text, or edit the direction of a linear gradient, you'll appreciate the simple consistency of these design tools.



Color palette

How many times a day do you create and adjust colors? With Adobe InDesign, you can specify and try out colors on the fly with the Color palette. If you don't like what you see on-screen or in your swatch book reference, adjust the color values quickly. Then save your colors in the Swatches palette for ongoing use. The best part? Creating, storing, and applying colors works the same way in InDesign, Photoshop, and Illustrator.

Clipping path support

You've created a clipping path with great care in Photoshop, making minute adjustments to ensure the cleanest possible mask. Now pop that artwork into your InDesign publication—the program preserves and prints those clipping paths with picture-perfect results. What's more, you can create clipping paths for images placed in Adobe InDesign. Even preview the clipping path you're creating as you adjust its tolerance and threshold. For more details about clipping path support, see page 6.

Swatches palette

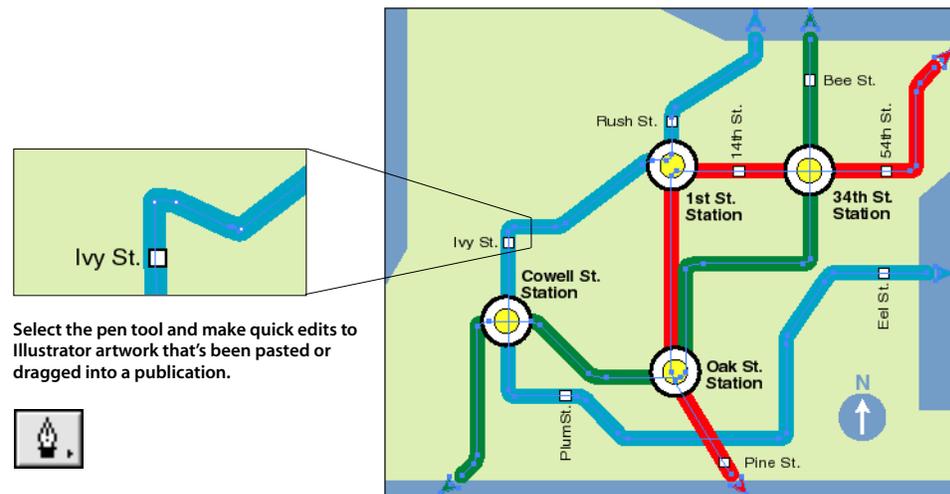
Managing colors is a critical part of your design responsibilities. That's why Adobe includes a consistent Swatches palette across its professional programs. You can, for example, specify a set of colors once for a project or client, save them in a swatches library file, and open those swatches instantly in InDesign or Illustrator. When you import Illustrator artwork into your InDesign publications, Illustrator spot colors appear immediately in the Swatches palette. You can then apply these colors to InDesign-drawn elements. You can also make sure you don't have extra spot colors before you hand off for printing.

Adobe InDesign supports a PDF workflow by saving files directly in PDF format without stepping through an intermediate program like Acrobat® Distiller®. When you save your files as PDFs, you can set the image compression, font embedding, and color conversion options necessary for your prepress workflow. Your PDF file then works with post-processing tools for imposition, trapping, and other tasks that your service provider needs to perform. PDF files continue to be widely used for disseminating brochures, forms, white papers, and other information on the Web. Adobe InDesign provides the settings you need to save optimized PDF files for the Web or to prepare files for print.

Native Illustrator, Photoshop, and PDF file import

You can incorporate native Illustrator, Photoshop, and PDF files with ease. InDesign lets you place or copy and paste images and artwork from Illustrator or Photoshop. You can also drag and drop Illustrator artwork into your layouts. When you paste or drag and drop native Illustrator artwork, the objects become editable InDesign objects. You could then use the pen tool in InDesign to modify the shape of an Illustrator graphic directly, saving the time it would take to switch back into Illustrator for small edits.

More designers are also relying on PDF files to hand off a variety of content. The newspaper and magazine industries, for example, use PDFs to streamline advertising handoffs. With Adobe InDesign, you can place pages from PDF files as linked graphics, and then manipulate them like other linked graphics. These capabilities give you extraordinary flexibility in managing your workflow.



Shared Adobe technologies

Adobe Systems is committed to creating a consistent, versatile platform for designing and outputting flawless designs. That's why Adobe InDesign takes integration deeper than its interface, sharing core Adobe technologies with Adobe Acrobat 4.0, Photoshop 5.0, and Illustrator 8.0 to improve consistency and streamline work among these programs. These Adobe programs provide this integration by:

- managing the on-screen display of all elements using Adobe Graphics Manager (AGM).
- handling font rasterization, font encoding, and access to font data using CoolType.
- incorporating consistent, extensible color management through Rainbow Bridge and Adobe CMS (color management system).
- placing, exporting, and extracting information from PDF files with the PDF Library.
- displaying and handling EPS files using a Modular Parsing System.

Complete cross-platform support

Adobe InDesign is available for Mac OS 8.5, Windows NT 4.0, Windows 98, and later operating systems. The program works identically on both platforms (with minor exceptions for platform-specific requirements) with several benefits for you: if you need to move from platform to platform to do your work, all of the features available to you in one version of the program will be available to you in the other. You can also move files across platforms easily, relying on features like smart font mapping for more seamless handoffs.

Express your creative ideas with complete freedom

When you're focused on designing pages, you want tools that work intuitively, helping you accomplish tasks without breaking concentration. Adobe InDesign software is designed to give you complete creative freedom, removing arbitrary software barriers that have hampered your creative process and helping you to create things you've never been able to do before. For example, when you place text, InDesign automatically places the text frame for you rather than forcing you to stop and create one. If you need to adjust a frame nested deep in other frames, you don't have to break them apart. Just subselect the frame and make your adjustment. Other features work with similar ease, whether you're changing the look of a gradient with the gradient tool or scaling and shearing multiple frames at once. And the program supports multiple undo and redo for more carefree design experimentation. Here are highlights of this versatile creative environment.

Nested text and graphics frames

Graphics and text frames are among the most versatile creative features in Adobe InDesign. Any object can be a frame, including rectangles, ovals, polygons, hand-drawn shapes, and converted text. You can even paste a frame within a frame within a frame, creating nested frames that go many layers deep and produce vivid and unusual design results. The most powerful aspect of nested frames is that you retain complete control over them—you can subselect nested frames and move, resize, rotate, shear, and otherwise manipulate them to get the precise look you want instantly.

In Adobe InDesign, text frames are highly flexible: let's say you create separate text frames and then change your mind and want to link them together. It's a simple process with InDesign. Need to copy a few text frames from a series of linked text frames? InDesign doesn't stand in your way. You can also create inline graphics to make sure that a text block or graphic sticks with specific text—for example, to ensure that a pull quote stays near the source text for it. Then position those inline graphics wherever you want them—even outside the text frame!



Direct-select tool



To create this graphic, the guitar—a Photoshop image imported with a clipping path—was pasted inside a rectangle. That rectangle was then pasted inside a letter that had been converted to outlines.



The designer then modified the rectangle by subselecting it and dragging the upper-right corner point to a new position.



The designer then subselected and rotated the guitar and its clipping path.



Once rotated, parts of the guitar are masked by the rectangle frame.



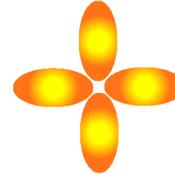
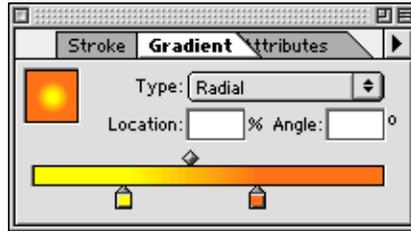
Apply gradients to the stroke and fill of text, or paint several objects with the same gradient.



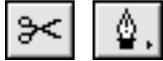
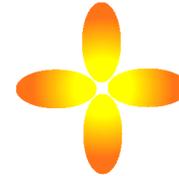
Gradient tool

Gradient fills and strokes

Whether you're adding contours to shapes or creating whimsical color combinations, you'll enjoy the ease of working with gradient fills and strokes in Adobe InDesign. Create radial or linear gradients using spot-color-to-spot-color or process-color-to-process-color combinations. Then easily adjust the angle of a linear gradient with the gradient tool. Or use this versatile tool to spread a single gradient across multiple selected objects. In Adobe InDesign, gradient fills are so flexible that you can apply them to the stroke and fill of text and still edit that text (you can change the wording or apply different text attributes with complete freedom).



Fill several objects with a gradient. Then use the gradient tool to repaint the gradient across those objects.



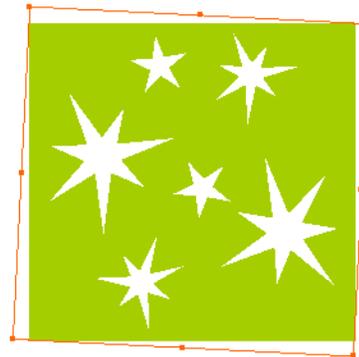
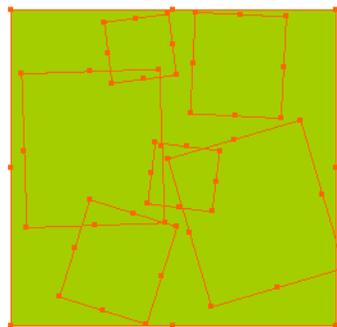
Scissors and pen tools

Bézier paths

While Adobe InDesign is no substitute for a fully featured illustration program, it does deliver several Bézier path tools for creating common graphics on the fly or quickly editing imported graphics. The pen tool in InDesign is similar to the industry-standard pen tool found in Adobe Illustrator. Use it to draw new artwork or to edit Illustrator artwork that you've dropped or pasted into your publications. Split paths apart with the scissors tool. Or combine multiple paths into compound paths to create unusual shapes with transparent areas. You can also convert text to paths and fill those paths with images, graphics, or text to create eye-catching results. If you're an Illustrator user, you'll find all of these InDesign features easy to pick up because they work just like Illustrator features. With these drawing tools, you can handle certain basic illustration tasks without breaking your creative flow.



Convert text to paths, then fill them with images or other frames.



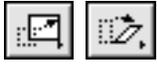
Use the pen tool to create quick graphics in Adobe InDesign, such as the stars in this illustration. Even combine those shapes into compound paths to make transparent areas, so underlying elements can show through.



Preserve clipping paths when importing Photoshop, EPS, and TIFF files. Then paste them inside another frame (as you see in this illustration), run text around them, or perform other layout tasks.

Clipping paths

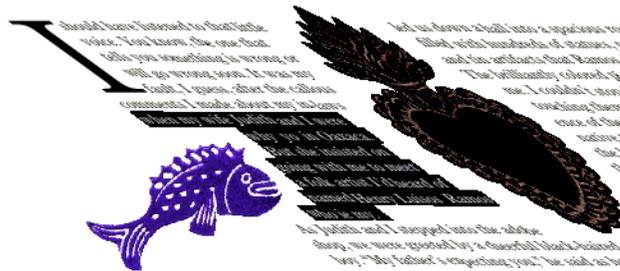
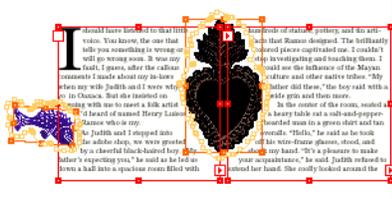
Clipping paths play an important role in working with images, allowing you to mask parts of an image while letting other parts show through and print. Adobe InDesign recognizes clipping paths saved in Photoshop, EPS, or TIFF graphics and gives you the choice, on import, of whether or not to preserve the path. Adobe InDesign then automatically converts the clipping path to an editable frame. In addition, you can create clipping paths in InDesign with subtle control over the process. You can, for example, preview how your clipping path looks as you fine-tune your threshold and tolerance settings, thus achieving exact results with great efficiency.



Scale and shear tools

Scaling and shearing of text and graphics frames

With Adobe InDesign, you can select multiple text and graphics frames as well as their contents, and then scale and shear them to create novel effects. What's more, if you include text in these transformations, the text remains editable. It sounds simple, but no other page layout program does this.

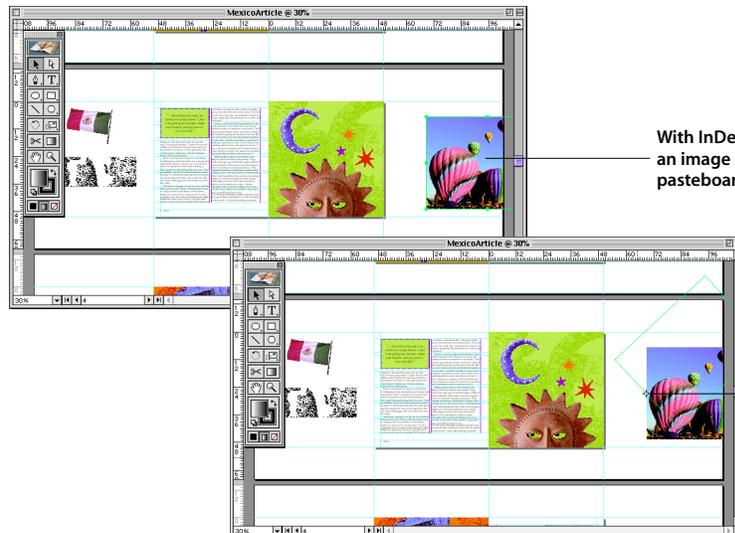


When you select and shear multiple text frames, you can still zoom in on the text and edit it.

Eliminating arbitrary software barriers

In the past, designers have sometimes struggled with their software tools. These tools can interrupt the creative process, forcing you to think about technical rather than design issues. One of the most dazzling aspects of Adobe InDesign is that it removes many of these arbitrary barriers. Here are two quick examples:

- **Printing TIFF images.** Remember the exasperated looks your print production manager or printer gave the first time you masked a huge TIFF image that took forever to print? Now you don't have to worry about this consideration. If you want to use a tiny corner of a large, high-resolution TIFF image because it's perfect for your design, do it: Adobe InDesign only sends to the printer the part of the image that's visible for the most efficient print streams.
- **Working on the pasteboard.** Imagine this scenario: you've placed an oversized TIFF image in the corner of your pasteboard for resizing and rotating. But the image is so big it hangs off the edge of the pasteboard. Does your program make you stop and move the image to a new position? Not if it's Adobe InDesign. You simply resize or rotate the image wherever it's placed and keep going with your work.



With InDesign, it doesn't matter if you place an image so that it overlaps the edge of the pasteboard.

You can still rotate, resize, or otherwise change it without first moving it onto the pasteboard.

Work faster and more productively

No matter how much more you care about your creative process, you can never afford to lose sight of deadlines. Adobe InDesign has an extraordinary range of productivity tools to help you work with the utmost speed. Whether you want to undo or redo multiple steps or to hide parts of your document from sight with layers, Adobe InDesign supports your efforts elegantly, thus streamlining your work.

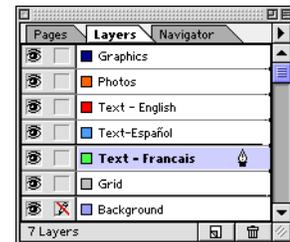
Multiple undo and redo

Adobe InDesign encourages you to experiment with your ideas with complete—and, for a page layout program, unprecedented—freedom. How? By supporting multiple undo and redo. Now you can pursue your ideas, free in the knowledge that you can undo or redo numerous steps in moments. It's the perfect way to keep all those creative impulses on deadline.

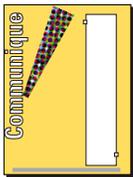
Document-wide layers

With Adobe InDesign, you can manage your objects with great efficiency by organizing them on document-wide layers. Layers work like one or more transparent sheets laid down on every page. Assign objects to layers, and then hide, show, reorder, and lock layers, as necessary, as you work. For example, hide certain layers so you can focus on others areas of your design, or lock layers before passing a file around your workgroup for review to prevent accidents.

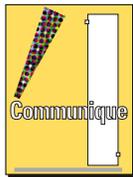
Use layers to create multiple versions of a document within the same file—for example, to make different language versions of a document or to create regional versions of a marketing piece using different pricing information, part numbers, and sales contacts. When you're ready to output, you can control what prints by making only the relevant layers visible.



Hide layers to clear your workspace and focus on a particular part of your design.



Master page



Regular page

After applying a master page to a regular page, you can override attributes of master-page items. In this illustration, the designer changed the position of the text on the regular page.



Master page



Regular page

If you then update the master page, all of those changes apply to the regular page—except to the overridden attribute (in this case, the position of the text).

Master pages

In Adobe InDesign software, you can set up multiple master pages for any publication, each containing a specific combination of headers, footers, page numbers, drawn objects, and other elements that you want to use over and over again. In fact, you can convert a regular page to a master page with drag-and-drop ease. You can also base one master page on another, creating an ongoing relationship between them. If you then edit the “based-on” (parent) master page, the changes ripple through the “subordinate” (child) master page—and any pages with this subordinate master page applied—as well.

Like other aspects of Adobe InDesign, master pages are extremely flexible. If you set up text and graphics frames on master pages, they serve as actual content containers on regular pages. You can then use a master text frame, for example, to thread a story from page to page. With InDesign, you could select master page items on the individual pages that have those masters applied and override specific attributes without severing the connection between that item and the master page item.

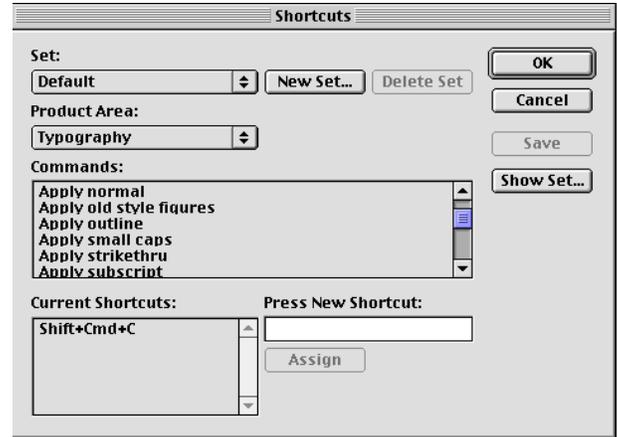
You could, for example, change the position of a master frame on an individual page without breaking the link that sets its size or color. If you then edit the frame's attributes on the master page, the individual page will reflect changes to all attributes except the overridden position. If you change your mind about an overridden master-page attribute, you can restore it. This flexibility means that you can easily create design variations while relying on the overall efficiency and consistency of using master pages.

Other Adobe InDesign shortcuts

Adobe InDesign provides other shortcuts in addition to the ones for tools and commands. You can, for example, assign shortcuts to your most frequently used paragraph and character styles to help you apply them more quickly. InDesign also has context-sensitive menus in both Macintosh and Windows versions of the programs. Simply Control-click (Macintosh) or right-click (Windows) on a selected object to display a context-sensitive menu. Even insert special characters, such as ® and ™, into text from a right-click menu—a much more efficient process than trying to remember rarely used keyboard combinations.

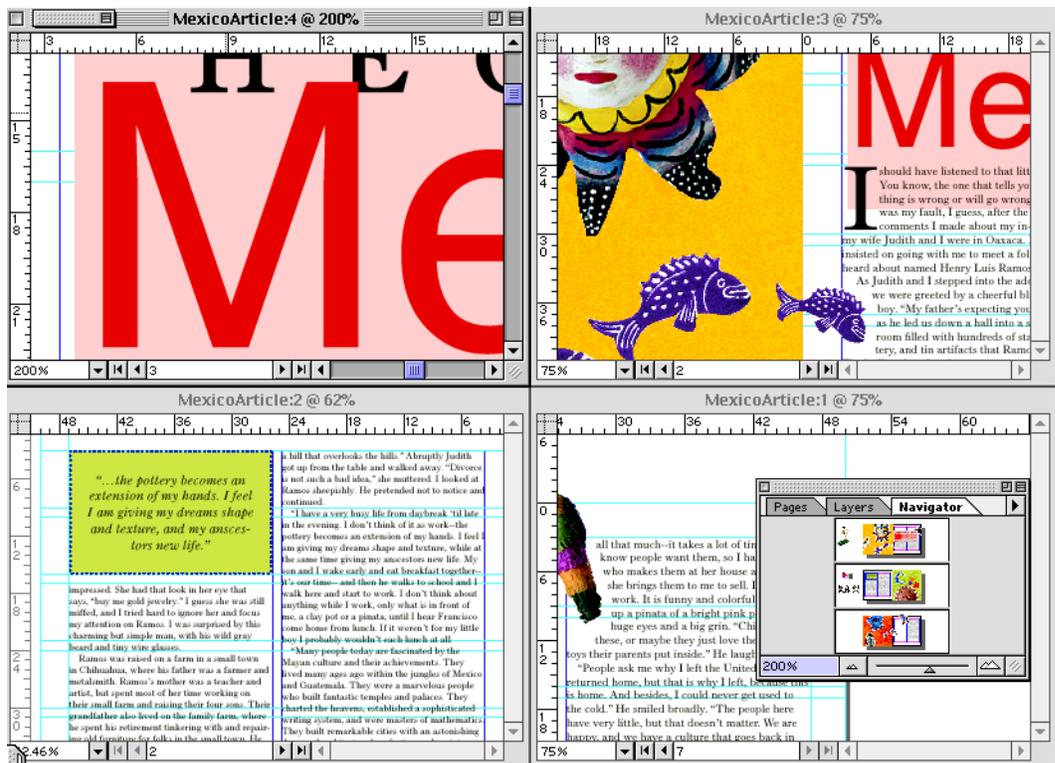
Keyboard shortcut editor

When you're on a tight deadline, it's important to move as swiftly as possible from one design task to the next. That's why most people learn keyboard shortcuts to help them work quickly and efficiently. The keyboard shortcuts in Adobe InDesign are designed to match those in Photoshop and Illustrator wherever possible, so you can move from one program to the other without breaking focus. InDesign also provides a keyboard shortcut editor, so you can modify any shortcut to match what you need. When you customize keyboard shortcuts, that information is stored in a text file that's easy to share with colleagues in a workgroup. InDesign even ships with a set of compatible keyboard shortcuts for QuarkXPress, providing a smooth transition to an efficient new design world.



Multiple views of a publication

You spend valuable time every day zooming in and out of your pages. With Adobe InDesign, you can save that effort by quickly opening more than one view of a document to keep an eye on how your choices affect your overall design. You could, for example, open two views of the same page to kern text more efficiently. In one view, you could zoom in on the text at 800% to finely control the letter spacing. In the other view, you could stay at 100% to see how the kerning affects the overall look of the text in a larger context. You can also open views of multiple pages to see how adjustments you're making to threaded text on one page affects your layout on another page, or to keep the design of one page close by as you focus on the design of another page.



Open multiple views of a page—or, as in this illustration, of several pages—to keep an eye on how your up-close work affects the overall design.



Automatically reformat a document for a different page orientation with the efficient Layout Adjustment feature.

Automatic layout adjustment

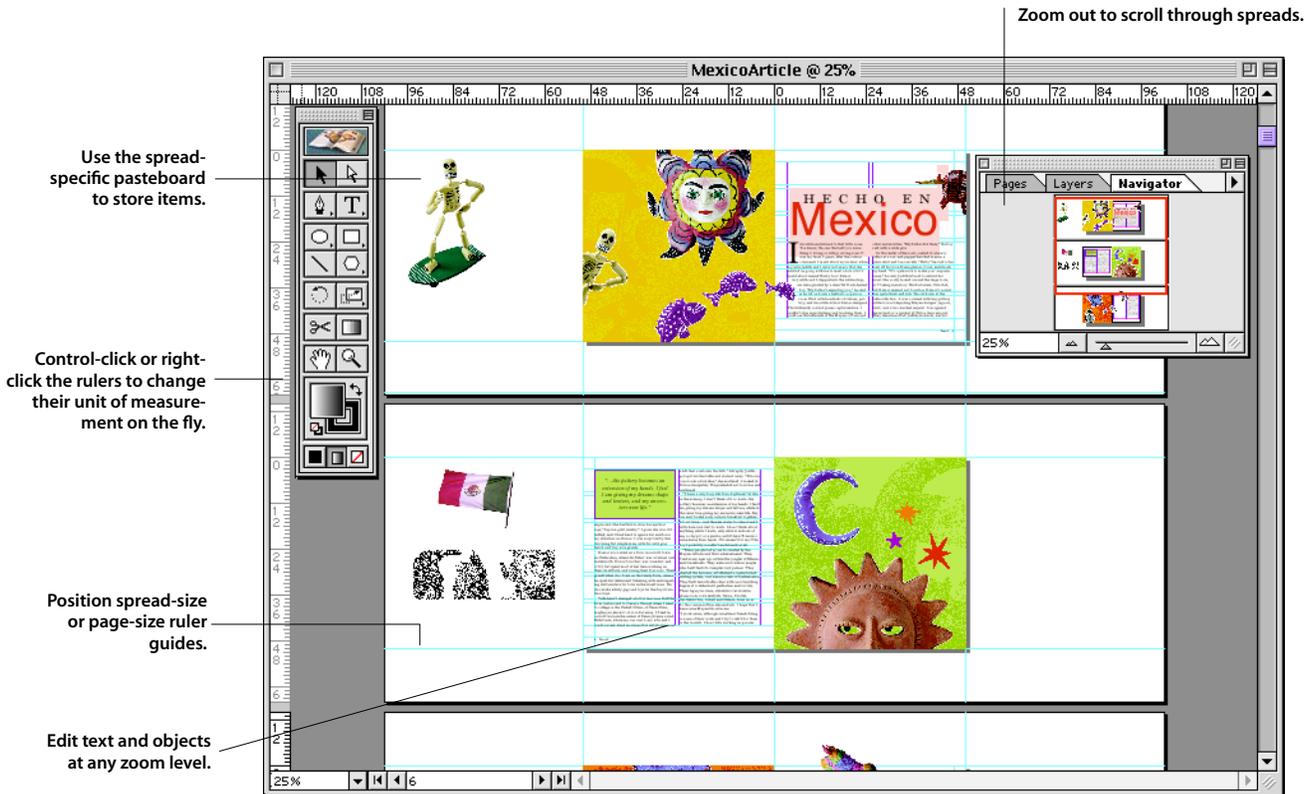
Adjusting a layout by hand can be extremely time-consuming, dampening creative ideas especially when you're on a deadline. However, Adobe InDesign has a solution: try out different page orientations, page sizes, or column and margin sizes with the automatic Layout Adjustment feature. When you choose Layout Adjustment, InDesign uses the ruler guides, margins, and columns to assess the document's structure and quickly revise its layout. This feature uses an artificial intelligence engine to make smart layout decisions as it moves and resizes page guides and objects.

For example, you could quickly reformat a small brochure cover to a CD size to see how your design will play in a different venue. Or you could experiment efficiently with different page sizes and column widths to get just the right look for a piece. This feature also saves considerable time and effort in repurposing publications for other regions. For example, you may design magazine pages for printing and distribution in Europe and then need to adjust those designs for different pages sizes in your American editions.

Support for large page and spread sizes

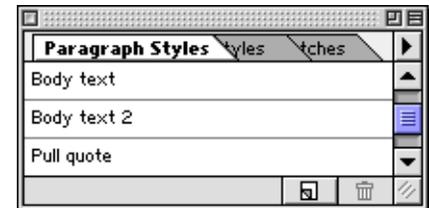
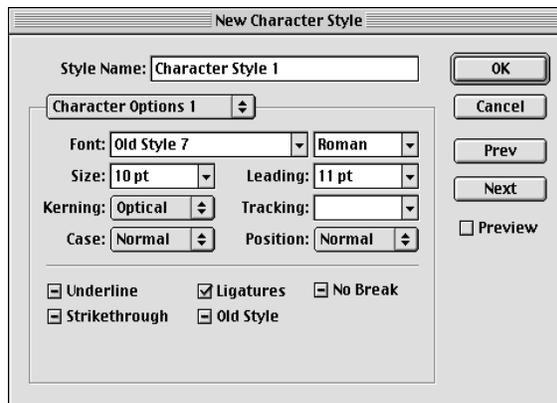
Adobe InDesign supports custom page sizes as small as 1 pica (1/6 in., 0.421 cm.) square or as large as 1296 picas (18 ft., 5.48 meters) square, giving you the freedom to specify any publication size you need from small specialty sizes to extremely large signage. You can also select predefined page sizes, such as letter, A3, or B5. Pages are organized into spreads, which can contain up to 10 pages. At the maximum page size, a 10-page spread reaches 180 feet square—giving you an unparalleled amount of space in which to design.

Every spread has its own pasteboard for storing spread-specific items (or you can save things in the Library palette to quickly share assets across a lot of spreads in a publication). The pasteboard allows an extra page of space at either end of a spread for a maximum length of 216 feet. You can zero in on a particular page or spread, or you can stand back and scroll through all the spreads in a publication to see how they look in relation to each other.



Character and paragraph styles

Adobe InDesign delivers superior support for character and paragraph styles. What distinguishes this support is the rich set of attributes you can specify when you create your styles. You can base one style on another, as well as assign keyboard shortcuts to frequently used styles for easy application. Character styles include options for font, size, leading, kerning (pair or range), ligatures, case, position, baseline shift, color, overprinting, and other character-level attributes. Attributes for paragraph styles range from setting the composition engine to specifying drop caps, indents, spacing, hyphenation, tabs, keep options, character formatting, style after, and more. With InDesign, you can even specify unusual attributes, such as language. InDesign will then correctly hyphenate and spell-check any text with that character or paragraph style applied.



Select from the rich assortment of character- and paragraph-level formatting options to specify your character and paragraph styles. Then use these styles to apply text attributes consistently and efficiently throughout a publication.

Preflighting and packaging files

One of the most important steps in the production process is the handoff to a service provider or printer for final output. Unfortunately, this step is often prone to mishaps—missing links, fonts, and color management profiles can all cause missed deadlines or even costly rework. That’s why Adobe InDesign includes a sophisticated preflight utility, which can scour your publications and identify problems, such as missing links or fonts, before your handoff. This utility can also gather a publication’s external components—including fonts, linked graphics, and color management profiles—and package them with the file for easy handoff to your service provider. When you’re under pressure to deliver fast, rely on this utility to ensure a smooth handoff, leaving you free to focus on your creative work.

Experience unparalleled precision and control

Whether you’re specifying type or laying out design elements, you want to accomplish your tasks with the utmost control. Adobe InDesign is designed to give an unprecedented level of precision with innovative type composition engines, layout accuracy, kerning options, zoom controls, ICC-based color management, international language support, and flexible guides and grids.

Typographical composition engines

One of the main goals of typography is to achieve the most elegant line breaks you can—if possible without fine-tuning every line by hand. In the past, this meant specifying the typographical controls available to you in your page layout program, and then letting the program’s built-in composition engine handle the rest—often with results that were “good enough” without being all that you might want. Adobe InDesign transforms this situation by offering two composition engines—the single-line composer and the multi-line composer—and letting you choose which to use. With these powerful composition engines, you can achieve spectacular typographic results with relative ease.

Both composers work by applying the type settings you specify to determine how much text fits on any line and how many lines fit in any text frame. The single-line composer—like all traditional software composition engines—looks at one line at a time. Adobe’s innovative new multi-line composer does something unique—it considers multiple lines at once (you specify how many). Both composers follow built-in rules

More text tricks

Adobe InDesign is packed with time-saving text-handling features, and even ships with a selection of OpenType fonts. It can automatically insert ligatures for ff, fi, fl, ffi, and ffl, or change number formatting to old-style typographic characters from an expert font. Or it can use optical edge alignment to hang characters or punctuation outside your text frame. From skewing fonts for false italics to built-in support for multiple master font technology, Adobe InDesign demonstrates fine attention to the small details that make a big typographic difference.

that determine how they make tradeoffs in your settings to achieve the nicest looking lines with optimal line breaks. For example, the multi-line composer favors even spacing, avoids hyphenation whenever possible, and assigns penalties to good and bad breakpoints to help rank them. Unlike traditional typesetters—in the past, considered superior to desktop typography—the multi-line composer is capable of looking both forward and backward in a paragraph to produce extraordinary results.

As a rule, the architecture of the Hague is not only solid and substantial, but handsome; not with the showy finery of Paris or Vienna, but rather like a dress, whose tasteful colors and perfect adaptation to the form lead one to thoroughly admire it, without at first being able to explain its charm. An air of elegance and leisure pervades its streets. We feel that here is the repose of wealth served by attentive tradesmen. At Rotterdam, they say one makes his fortune; at Amsterdam he increases it; but at the Hague he spends it.

Single-line composer

As a rule, the architecture of the Hague is not only solid and substantial, but handsome; not with the showy finery of Paris or Vienna, but rather like a dress, whose tasteful colors and perfect adaptation to the form lead one to thoroughly admire it, without at first being able to explain its charm. An air of elegance and leisure pervades its streets. We feel that here is the repose of wealth served by attentive tradesmen. At Rotterdam, they say one makes his fortune; at Amsterdam he increases it; but at the Hague he spends it.

Multi-line composer

Both samples (shown at left) use the same type specifications, so you can see the effects of the different composition engines. While many of the lines in the single-line composer look good, those that don't—the second, ninth, and fourteenth lines—really stick out. The multi-line composer provides more even spacing by far—and it does so automatically.

The powerful composition engines in InDesign are another example of its extensible environment. Third-party developers can create new composition engines that support a corporate publishing organization's specialized typographical choices. The result is one of the most flexible, high-quality typographical environments available on the desktop. For more details, see *Adobe InDesign In Depth: Text and Typography*.

Extraordinary accuracy

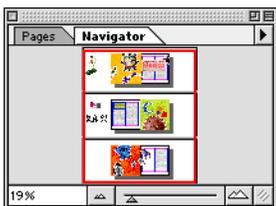
Adobe InDesign delivers pinpoint accuracy that's unmatched by any page layout program to date. You can specify values to a ten-thousandth (0.0001) of a unit of measure as you create and position objects. In addition, the program is engineered to be accurate to a millionth of a point. As display and output devices evolve—and the extraordinary leaps they've made in the last decade show how rapidly that can happen—InDesign will be able to take advantage of those changes immediately. This built-in accuracy is a great improvement over the accuracy available in older page layout programs, which have architectures designed at a time when no one could conceive of imagesetters capable of rasterizing at 4,000 dpi. Adobe InDesign will adapt easily and affordably to the future.

Extensive kerning controls

Adobe InDesign provides four different kerning options for achieving precise spacing between characters. In addition to its standard kerning controls, Adobe InDesign has an innovative approach to kerning, called optical kerning. When you set this option in the Character palette, InDesign automatically determines the ideal spacing for those characters visually—an excellent solution if you're moving fast to meet a deadline or if you've mixed different fonts and sizes in a single word or line. You can also manually kern letter pairs with precision to .001 of an em space, using either keyboard shortcuts or the Character palette. To copy fit lines of text, you can specify tracking, which adjusts the spacing across multiple characters in a line. Some fonts come with built-in pair kerning metrics, offering excellent typographical results. Simply specify those fonts and direct InDesign to use built-in kern pair tables to achieve the results you want.

Versatile zooming controls

One of the things you do the most when you're creating a publication is to zoom in and out of different areas to fine-tune them. With Adobe InDesign, you can zoom out to a 5% view, zoom in to a 4,000% view, or zoom anywhere in between with ease. The most common zoom percentages appear in a handy pop-up menu in the lower-left corner of the InDesign publication window. Or you can use keyboard shortcuts to center and zoom in on a selected object. The program also includes the Adobe-standard Navigator palette for quickly magnifying to any level between 5 and 4,000%. Set the Navigator palette to display one spread or multiple spreads, and then drag the palette's view rectangle to quickly change your focus in a zoomed-in view. With the built-in anti-aliasing in InDesign, the display is crisp and clear at any zoom level, even when you're zoomed in on EPS graphics.



Navigator palette

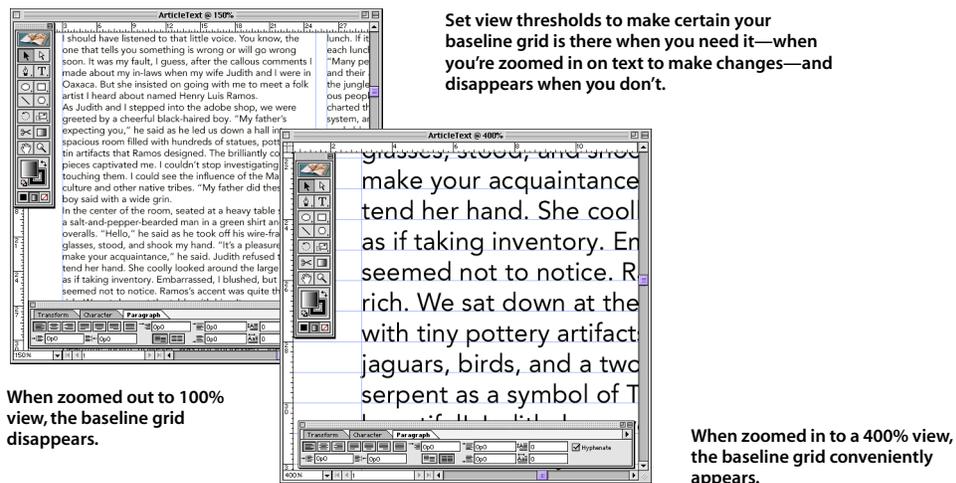


Zoom tool

Flexible grids and guides

Grids and guides help to precisely structure your Adobe InDesign publications. You can set up document grids and baseline grids, and then specify a snap-to distance to ensure that objects or text align precisely with them. Ruler guides come in two sizes—spread size and page size—for different layout needs. Position as many ruler guides as you need with numerical efficiency and then color, hide, show, lock, move, or copy and paste them. Organize groups of ruler guides on their own layers, and then hide or show those layers as you need them. Even store sets of ruler guides in a Library palette for use in future publications.

For the utmost efficiency, the right tools are available when you need them and instantly out of the way when you don't. A baseline grid, for example, is an important tool when you're zoomed in on text, but only adds to on-screen clutter when you're zoomed out. That's why Adobe InDesign includes customizable view thresholds—to make sure that tools such as baseline grids, document grids, and guides appear and disappear at the right times.



Set view thresholds to make certain your baseline grid is there when you need it—when you're zoomed in on text to make changes—and disappears when you don't.

ICC-based color management

Achieving predictable, accurate color results—as you bring images in from other sources, review images and colors on-screen, and output them to your proofing printer and final output device—is one of the top goals of designers today. With its industry-standard ICC-based color management controls, Adobe InDesign provides the tools you need to reach this goal. InDesign, Photoshop 5.0, and Illustrator 8.0 share core color-management technologies to provide better consistency across these programs. With InDesign, you choose the color management module (CMM) you want to use: the Adobe CMS, which Adobe developed for InDesign, Photoshop, and Illustrator; Kodak's color management system (also included with InDesign); system-level color management tools, such as Apple ColorSync 2.51 or Microsoft's ICM 2.0; or any ICC-compliant third-party color management systems. For the best results, choose the same CMM for InDesign, Photoshop, and Illustrator.

With InDesign, you specify global color-management settings at the application level and local settings at the publication level. At the application level, for example, you'll select the CMM, choose the device profiles to use for your monitor and output devices, and set soft-proofing controls. (InDesign includes the Adobe Gamma utility, which can help you accurately calibrate and characterize your monitor, producing an ICC-compliant device profile.) For each publication, you can selectively turn color management on or off. If color management is turned on, InDesign automatically reads embedded ICC source profiles in imported images. You then set default CMYK, RGB, and LAB source profiles for each publication, so InDesign knows how to color-manage images that don't have embedded source profiles. In any color-managed workflow, it's vital to reconcile out-of-gamut colors—a process that usually involves compromises. That's why InDesign provides a choice of rendering intents (perceptual, saturation, relative colorimetric, or absolute colorimetric). You can set separate rendering intents for photographs and solid-color graphics, and even override these settings, as necessary, on an object-by-object basis.

Dictionaries in Adobe InDesign

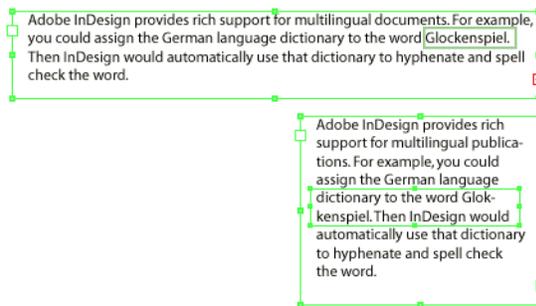
The Proximity dictionaries included with InDesign are: International English, French, French Canadian, Castilian Spanish, Catalan, Latin American Spanish, German, Reformed German, Swiss German, Italian, Dutch, Portuguese, Brazilian Portuguese, Swedish, Finnish, Danish, Norwegian (Bokmal and Nynorsk), U.S. English, U.S. English-Medical, and U.S. English-Legal.

When color management is turned on, InDesign automatically saves all color management settings and embeds profiles in its final output. InDesign gives you a choice of final workflows: you can direct InDesign to perform host-based color transformations or to hand off color-managed information to PostScript Level 2 or PostScript 3™ output devices for processing. Whether you're implementing a full-scale color-managed workflow or taking a few well-planned steps in that direction, InDesign delivers the control you need.

International language support

Adobe InDesign provides rich language support, offering Proximity dictionaries for 21 languages as a standard part of the program. You can easily open and work with files produced in other Roman language versions of Adobe InDesign, or create different language versions of a file yourself. For example, you could open a file originally created in a French version of InDesign for additional design and production in an International English version of the program. If you're running a Japanese operating system or have a Japanese language kit installed, you can also enter, save, and edit Japanese text in any Roman language version of InDesign.

In addition, you can associate a language with a character, a word, a paragraph, or a lengthy piece of text. Or specify a language as an attribute of a character or paragraph style. Adobe InDesign then automatically uses the appropriate language to handle spell checking and hyphenation. InDesign also supports installable hyphenation and spelling systems, giving you control of the systems you use for a particular language. For example, you might want to use Proximity dictionaries for English text, Diekmann dictionaries for German text, and so on. The result? With business becoming more global every day, you can stay ahead of the curve, preparing publications in multiple languages efficiently and affordably.



Assign a language to a word or phrase, so InDesign knows how to hyphenate, spell-check, or even create special characters (for example, if you designate French as the language for a paragraph, InDesign automatically converts "" to the appropriate <<>> symbols as you type). In this example, the designer assigned German to the word Glockenspiel. Then, when the designer resized the text frame, InDesign automatically hyphenated the German word correctly, changing the "ck" to a "kk."

Plan for future publishing needs with extensible, modern technology

Designers rarely enjoy upgrading their software. When you have everything working a certain way, you want it to stay that way so you can focus on what you're passionate about: great design. Yet at the same time, no one wants to miss exciting new technology. For the last decade or more, designers have made the best of it, incorporating the software that worked, throwing out what didn't, and wondering when it would all slow down.

Adobe InDesign presents a radically new approach to software design, which addresses this problem and has a direct effect on how you work. Since high-speed change seems to be inherent in technology, that notion needs to be built into the very structure of a publishing program, making it more seamless, more affordable, and more immediately gratifying to incorporate technology advances into your design toolkit (this notion is noticeably missing from current page layout programs). That's the thinking behind Adobe InDesign, which is built to make it fast, easy, even fun for you to stay abreast of current trends.

Here's how it works: Adobe InDesign has been designed using modern software practices, which favor modular, extensible coding. It provides a core application which works with a collection of powerful plug-ins that provide all the type, color, printing, and other features available in the program. Basically, every aspect of the program is a plug-in, which means that changing or adding functionality can be as easy as swapping out a plug-in or two. In practical terms, this means that Adobe can develop a new feature or make

a small but useful change to an existing one, and then make the plug-in available to customers. If you want the new plug-in, you can get it, pop it into the Plug-ins folder, and have the new feature available without the installation or learning-curve hassles inherent in the current software upgrade process.

What's more, Adobe is publishing detailed software development information, so that innovative third-party developers can produce plug-ins, and so that IT departments supporting corporate publishing efforts can do the same. These developers could add another composition engine, customize hyphenation and justification controls, or quickly and affordably adapt InDesign in other ways to meet particular needs.

Adobe InDesign also provides scripting support for customizing its publishing environment. Using AppleScript, Microsoft® Visual Basic®, or Visual Basic for Applications (VBA) software, you can automate any number of production or creative tasks within Adobe InDesign. You can even write scripts that automate tasks across InDesign and other programs that support scripting. JavaScript developers can also create C++ wraps that automate InDesign functionality.

If you have an Internet connection, you can automatically hear about updates and other news through Adobe Online 2.0, which is included with Adobe InDesign. With this rich extensibility and scripting support, Adobe InDesign delivers something more than a software program: it delivers a highly flexible publishing platform that goes where you need it with singular ease.

Added value in the box and on the Web

Adobe InDesign software delivers exceptional value for professional designers in magazines, ad agencies, newspapers, design studios, and in-house corporate creative groups. This value is enhanced by the sample files, multimedia tutorials, white papers, support information, and other bonus content included in the box. Here's a taste of this extra value:

- Adobe InDesign software, plus these other useful programs:
 - Adobe Acrobat® Reader 4.0 software for viewing Portable Document Format (PDF) files
 - The latest Adobe PostScript printer driver for Windows or the Macintosh, as well as a comprehensive set of PostScript Printer Description (PPD) files (optional installation)
 - OpenType fonts
 - Demonstration versions of third-party plug-ins
- Training and support materials, including:
 - Adobe InDesign User Guide* and *Adobe InDesign Quick Reference Card*
 - A QuickTime tour of Adobe InDesign
 - Three chapters of *Adobe InDesign Classroom in a Book®* saved in PDF format with sample files
 - Adobe InDesign Software Development Kit
 - Adobe developer support information
 - Adobe Technical Support contact information

In addition, be sure to visit the Adobe Web site at www.adobe.com for ongoing information about Adobe InDesign. (Just set Adobe Online 2.0 to check the Adobe Web site periodically and then alert you with the latest InDesign news.) You'll find a rich and growing assortment of product support materials on the Web site, including additional white papers, tips and techniques, conversion information for QuarkXPress and PageMaker files, troubleshooting guides, Adobe Certified Trainer contact lists, and more. Adobe also expects to deliver specialized training materials and programs for individuals, corporate customers, service providers, and commercial printers, as well as for third-party developers who want to create special solutions for Adobe InDesign.

System Requirements**Power Macintosh†*

- PowerPC® 604 processor or greater (PowerPC G3® recommended)
- Mac OS Software version 8.5 or later
- 48 MB of installed RAM with virtual memory on; 96 MB with virtual memory off (128 MB recommended)
- 120 MB of available hard-disk space for installation
- CD-ROM drive
- 832x624 monitor resolution (24-bit, high-resolution display recommended)
- Adobe PostScript® Level 2 or higher printer

Windows†

- Intel® Pentium® II or faster processor (300 MHz or faster processor recommended)
- Microsoft Windows NT 4.0 Workstation with Service Pack 4, Windows 98, or later operating system
- 48 MB of RAM installed (64 MB or more recommended)
- 75 MB of available hard-disk space for minimum installation
- CD-ROM drive
- Video card that supports 256-color at 800x600 monitor resolution (24-bit, high-resolution display recommended)
- For PostScript printers: Adobe PostScript Level 2 or higher printer

* System requirements are subject to change prior to the product shipping.

† An Internet connection recommended

Pricing and availability

In the United States and Canada, Adobe InDesign for Mac OS 8.5, Windows NT 4.0, and Windows 98 is expected to ship in the Summer of 1999. The estimated street price for Adobe InDesign is \$699 (U.S.) for all platforms. Adobe InDesign is available only on CD-ROM. Adobe Systems expects to make Adobe InDesign available in a number of languages, including French, German, International English, Canadian English, Japanese, Swedish, Italian, Dutch, Spanish, Norwegian, Finnish, and Danish. Information about these language versions, as well as all pricing, upgrade, and support policies for other countries, will be announced at a later date.

About Adobe Systems

Adobe Systems Incorporated, the award-winning provider of graphics and publishing solutions, gives you the power to make your ideas stand out exactly as you intend. Whether you work in a design studio, an office, or at home, Adobe's software, images, type, and printing technologies offer you a seamless workflow for creating and distributing graphically rich communications in print and electronic media.

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