Converters that come with Word 2000

The first two converters on this list can be found in your Office folder. The rest can be found in your Program Files\Common Files\Microsoft Shared\Textconv folder.

Supported formats	Converter	Comments
Personal Address Book	WWPAB.CNV	Import only
Microsoft Excel 2.x-5.x, 95, 97/2000	EXCEL32.CNV	Import only
HTML	HTML32.CNV	Converts documents to and from HTML format. Supports all versions up to HTML 2.0, with some Internet Explorer and Netscape extensions.
Lotus 1-2-3 2.x-4.0	LOTUS32.CNV	Import only
Lotus Notes 3.x-4.x	MSIMP32.DLL MSCTHUNK.DLL MSWRD632.CNV MSWRD832.CNV	Allows Lotus Notes to import documents from Microsoft Word 6.0, 7.0, and 97/2000
Microsoft Word 4.x and 5.x for Macintosh	MACWRD32.CNV	Export only. No converter is required for opening these formats in Word 2000.
Microsoft Word 6.0/95 Import	MSWRD632.CNV (Asian versions only)	Required to import Word 6 Asian version documents to Word 95, 97 and 2000
Microsoft Word 2000	MSWRD832.CNV	Used by Word 6.0, 95 and other Office-family programs to open Word 97/2000 files
Text (file) recovery	RECOVR32.CNV	Recovers text from damaged documents
Text only	Internal	Saves text without its formatting. Converts section breaks, page breaks, and new line characters to paragraph marks. Uses the ANSI character set. Use only if the destination program can't read any other available file format.
MS-DOS text only	Internal	Converts files the same way as Text only, but uses the extended ASCII character set, the

		standard for MS-DOS programs. Use to share documents with non-Windows programs.
Text only with line breaks	Internal	Saves text without formatting. Converts line breaks, section breaks, and page breaks to paragraph marks. Use to maintain line breaks -- for example, when transferring documents to an electronic mail system.
MS-DOS text with line breaks	Internal	Converts files the same way as Text only with line breaks, but uses the extended ASCII character set
Text with layout	TXTLYT32.CNV	Preserves line breaks. Uses spaces to approximate indents, tables, line spacing, paragraph spacing, and tab stops. Converts section breaks and page breaks to paragraph marks. Use to convert a document to a text format while preserving page layout.
MS-DOS text with layout	TXTLYT32.CNV	Converts files the same way as Text with layout, but uses the extended ASCII character set.
Rich Text Format (RTF)	Internal	Saves all formatting, converting it to instructions that many other programs can read and interpret
Word 2.x for Windows	WNWRD232.CNV	Export only. No converter is required for opening documents in this format.
Works 4.0	WORKS432.CNV	Import and export of Works 4.0 for Windows 95 word processing files
WordPerfect 5.x for MS-DOS and Windows	WPFT532.CNV	Import and export
WordPerfect 6.x for MS-DOS and Windows	WPFT632.CNV	Import only

| Word 97-2000 & 6.0/95-RTF | WRD6EX32.CNV | Exports RTF format with a .doc extension |

File formats supported by Microsoft Excel 2000

Excel file formats

When you save an Excel workbook in one of the following supported file formats, the entire workbook is saved:
- Microsoft Excel Workbook (Microsoft Excel 97-2000)
- Template (Microsoft Excel 97-2000)
- Workspace (Microsoft Excel 97-2000)
- Microsoft Excel 97-2000 & 5.0/95 Workbook (saves the workbook in a format that can be read in Microsoft Excel 2000, 97, 95, or 5.0, but if you save the workbook from an earlier version features or formatting unique to Microsoft Excel 2000 will be lost)
- Microsoft Excel 5.0/95 Workbook
- Microsoft Excel version 4.0 Workbook (saves only worksheets, chart sheets, and macro sheets)

When you save in one of the following supported file formats, only the active Excel worksheet is saved:
- Microsoft Excel version 4.0 sheet formats (including Microsoft Excel macro or international macro sheets)
- Microsoft Excel version 3.0 formats
- Microsoft Excel version 2.x formats

File formats for Lotus 1-2-3

When you open a .wk1 or .wk3 file in Microsoft Excel, Excel applies the formatting in the associated .fmt, .fm3, or .all file. If you save a Lotus 1-2-3 file in Microsoft Excel format, Excel saves the spreadsheet data and formatting in a single workbook file.

The WK1 (1-2-3) (*.wk1) and WK3 (1-2-3) (*.wk3) formats save only limited worksheet formatting. To save a Microsoft Excel workbook in Lotus 1-2-3 format and retain borders, cell shading, fonts, and other formatting, select a Lotus 1-2-3 file format that stores formatting in a separate .fmt, .fm3, or .all file.

Supported Lotus 1-2-3 file formats are listed in the following table.

Lotus 1-2-3 file format	Version	Comments
WK4 (*.wk4)	4.0	Saves the entire workbook
WK3 (*.wk3) WK3, FM3 (*.wk3)	3.x and Lotus 1-2-3/W	Saves only worksheets and chart sheets
WK1 (*.wk1) WK1 (FMT) (*.wk1) WK1 (ALL) (*.wk1)	2.x	Saves only the active sheet
WKS (FMT) (*.wks)	1.0 and 1.0A	Saves only the active sheet
.pic (when included in an .all file)	3.x and Lotus 1-2-3/W	Opens but can't save this format

Text file formats

When you save a workbook in a text format, only the active sheet is saved and all formatting is lost. You can open and save files in the following text formats:
- Formatted Text (Space-delimited) (*.prn). Lotus space-delimited format.
- Text (Tab-delimited) (*.txt) (Windows).
- Text (Macintosh), Text (OS/2 or MS-DOS), CSV (comma delimited) (*.csv) (Windows), CSV (Macintosh), CSV (OS/2 or MS-DOS). If you are saving a workbook as a tab-delimited or comma-delimited text file for use under another operating system, select the appropriate converter to ensure that tab characters, line breaks, and other characters are interpreted correctly.

- DIF (data interchange format) (*.dif).
- SYLK (symbolic link format) (*.slk).

Other spreadsheet programs and databases

Excel 2000 also supports the file formats listed in the following table.

Format	Program	Notes
DBF 2, DBF 3, DBF 4 (*.dbf)	dBASE II, III, and IV	Opens and saves only the active worksheet
WQ1 (*.wq1)	Quattro Pro for MS-DOS	Opens and saves only the active worksheet
.wb1	Quattro Pro version 5.0 for Windows	Opens only
.wks	Microsoft Works version 2.0 for Windows and Microsoft Works for MS-DOS	Opens only Microsoft Works 2.0 for Windows and Microsoft Works for MS-DOS spreadsheets

Note   Certain features may not be available when you open or save files in these formats. For example, some file formats don't support embedded charts or formatted text.

File formats supported by Microsoft Access 2000

Microsoft Access 2000 can import or link table data from other Microsoft Access databases (versions 1.x, 2.0, 7.0/95, 97, and 2000), as well as data from other programs and file formats, such as Microsoft Excel, dBASE, and Paradox. You can also import or link (read-only) HTML tables and lists, which can reside on your local computer, a network server, or an Internet server.

Access 2000 can also export table data to these file formats as well as to Rich Text Format and dynamic HTML file formats.

File Type	Extension	Import	Link	Export
Microsoft Access 1.x, 2.0	.mdb	Yes	Yes	No
Microsoft Access 7.0/95, 97, 2000	.mdb	Yes	Yes	Yes
Microsoft Access 2000 project	.adp	Yes	Yes	Yes
Text (delimited or fixed width)	.txt	Yes	Yes	Yes
Microsoft Word Merge	.txt	No	No	Yes
Microsoft Excel 3.0, 4.0, 5.0, 7.0/95, 97, 2000	.xls	Yes	Yes	Yes
Lotus 1-2-3	.wks, .wk4	Yes	Yes*	Yes
	.wk1, .wk3	No	No	Yes
dBASE III, III+, IV, 5	.dbf	Yes	Yes	Yes
dBASE 7	.dbf	Yes	Yes°	Yes°
Paradox 3.x, 4.x, 5.0	.db	Yes	Yes	Yes
Paradox 8.0	.db	Yes	Yes°	Yes°
HTML 1.0 (if a list); 2.0, 3.x, 4.x (if a table or list)	.html, .htm	Yes	Yes	Yes
Microsoft IIS 1-2	.idc/.htx	No	No	Yes
Microsoft Active Server Pages	.asp	No	No	Yes
Rich Text Format	.rtf	No	No	Yes
Microsoft Exchange		Yes	Yes	No

*Read-only.
°Requires Borland Database Engine 4.x or later.

Access 2000 can also import, link, and export data in SQL tables, Microsoft Visual FoxPro databases, and other file and database formats of programs that support the ODBC protocol. For an up-to-date list of supported ODBC drivers, search the Microsoft Knowledge Base at http://support.microsoft.com.

Note   The third-party products discussed here are manufactured by vendors independent of Microsoft. We make no warranty, implied or otherwise, regarding these products' performance or reliability.

File formats supported by PowerPoint 2000

PowerPoint 2000 can open presentations created by the following versions of PowerPoint:
- Microsoft PowerPoint 2000
- Microsoft PowerPoint 97 for Windows
- Microsoft PowerPoint 95/97 dual format
- Microsoft PowerPoint for Windows 95, version 7.0
- Microsoft PowerPoint for Windows, versions 3.0 and 4.0
- Microsoft PowerPoint 98 Macintosh Edition
- Microsoft PowerPoint for the Macintosh, versions 3.0 and 4.0

PowerPoint 2000 can also open presentations created by these third-party products:
- Lotus Freelance Graphics for Windows, versions 1.0 - 2.1 (.pre)
- Lotus Freelance 4.0 for MS-DOS (.drw, .shw)
- Harvard Graphics 3.0 for MS-DOS (.ch3, .sh3)
- Harvard Graphics 2.3 for MS-DOS (.cht, .shw) You can get this converter through the Microsoft Office 2000 Resource Kit, available on the Microsoft Web site (http://www.microsoft.com).

PowerPoint 2000 can save presentations in the following formats:
- Microsoft PowerPoint 97/2000 Presentations (.ppt)
- Microsoft PowerPoint 97/2000 Design Templates (.pot)
- Microsoft PowerPoint 97/2000 Slide Shows (.pps)
- Microsoft PowerPoint 97/2000 Add-ins (.ppa)
- Microsoft PowerPoint 97/2000 & 95 dual format
- Microsoft PowerPoint for Windows 95, version 7.0
- Microsoft PowerPoint 4.0 Presentations (.pot)

Note PowerPoint 2000 and PowerPoint 97 share the same file format. Files in this format can be opened and edited in either PowerPoint 2000 or PowerPoint 97, though some features may be lost if you use PowerPoint 97 to save a file created in PowerPoint 2000.

Importing

PowerPoint 2000 can import documents in a variety of formats, including:
- Text files (.txt, .csv)
- Rich Text Format files (.rtf)
- Microsoft Word documents (.doc)
- Microsoft Works 3.0 and 4.0 for Windows documents (.wps)
- Web pages (.htm, .html)

Exporting

PowerPoint 2000 can export presentation information in the following formats:
- Outlines in Rich Text Format (.rtf)
- Web pages (.htm, .html)
- CompuServe GIF images (.gif)
- JPEG File Interchange Format images (.jpg)
- PNG Portable Network Graphics Format images (.png)
- Windows Metafile images (.wmf)
- Device Independent Bitmap (.dib)
- Tag Image File Format (.tif)
- Microsoft Word 2000 documents (.doc) (on the **File** menu, point to **Send To**, and then click **Microsoft Word**)

Unsupported or partially supported features

Some Word 2000 features are only partially supported, or aren't supported at all, when you save a document in the format of an earlier version of Word.

Note   Word 95 and Word 6.x have a 32 MB document size limit. If you save a large document with a lot of graphics from Word 2000 to the Word 6.0/95 (*.doc) format and receive an error message, you should break the Word 2000 document into several smaller files before converting it to Word 6.0/95 format.

Character and paragraph formatting

Word 2000 feature	In Word 97	In Word 6.0/95
24-bit color for text, borders, and shading	Converted to closest of standard 16 colors	Converted to closest of standard 16 colors
Animated text	Supported	Converted to italic
Character borders	Supported	Not supported
Character shading	Supported	Not supported
Decorative paragraph border styles	Supported	Converted to box borders
Double strikethrough	Supported	Converted to single strikethrough
Embossed/engraved text	Supported	Converted to gray
Horizontally scaled text	Not supported	Not supported
New underline styles (such as wavy double)	Converted to standard single underline	Converted to standard single underline
Outline and heading numbered lists	Supported	Outline and heading numbers converted to regular text
Text highlighting	Supported	Not supported
Underline color different from text color	Underline is same color as text	Underline is same color as text

Page layout

Word 2000 feature	In Word 97	In Word 6.0/95
Background shapes	Supported	Not supported
Gutter position top	Converted to gutter position left	Converted to gutter position left
Hyperlinked table of contents	Supported	Blue underline is retained, but entries aren't working

		hyperlinks
Page borders	Supported	Not supported
Text wrapping break	Converted to regular line break	Converted to regular line break

Editing features

Word 97/2000 feature	In Word 6.0/95
AUTOTEXTLIST field	Last field result is converted to regular text
Document protection for tracked changes, comments, and forms	Lost during conversion, but can be reapplied in Word 6.0/95. (In Word 6.0 & 95, tracked changes are called revisions, and comments are called annotations.)
If highlighting of tracked changes is turned off...	...it's turned back on
New document properties introduced in Word 95	Preserved in Word 95, but lost in Word 6.0
Password protection	Lost during conversion, but can be reapplied in Word 6.0/95
Read-only recommended	Lost during conversion, but can be reapplied in Word 6.0/95
Tracked changes for properties, paragraph numbers, and display fields	Not supported. (In Word 6.0/95, tracked changes are called revisions.)
Versioning	Not supported

Graphics

Word 2000 feature	In Word 97	In Word 6.0/95
Drawings created with the **Drawing** toolbar	Supported	Simple shapes retained; decorative line styles and some other features converted to their nearest equivalents
EMF, PNG, GIF, and JPEG graphics	Supported	Converted to WMF (Windows Metafile) or PICT (Macintosh) format. These formats don't support compression, so the file size of

		documents that contain graphics may increase.
Middle- or bottom-aligned object	Converted to top-aligned object	Converted to top-aligned object
Objects aligned horizontally right, center, inside, or outside	Supported	Objects may shift position slightly
Objects and pictures with **allow overlap** turned off	Objects and pictures are allowed to overlap; as a result, some objects and pictures may be obscured	Objects and pictures are allowed to overlap; as a result, some objects and pictures may be obscured
OLE objects with text wrapping	Supported	Converted to OLE objects in textboxes in front of or behind text
Pictures and objects positioned relative to character	Positioned relative to column, and may shift position	Positioned relative to paragraph, and may shift position
Pictures and objects positioned relative to line	Positioned relative to paragraph, and may shift position	Positioned relative to paragraph, and may shift position
Pictures with text wrapping around them in tables	Pictures moved to the paragraph above the table	Pictures moved to the paragraph above the table
Pictures with tight or through text wrapping	Supported	Converted to square text wrapping
WordArt	Supported	Converted to a metafile. Graphic is displayed but can't be edited.

East Asian text formatting

Word 2000 feature	In Word 97	In Word 6.0/95
East Asian and right-to-left characters	Supported	Not supported in the English version
Emphasis dot	Supported	Dot is removed and text is underlined
First and last line	Line breaks don't	Line breaks don't

breaks control characters	respect these character settings	respect these character settings
Horizontal in Vertical	Converted to horizontal	Converted to horizontal
Text snaps to character grid	Text doesn't snap to grid	Character grid and associated text positioning lost
Two Lines in One	Converted to one regular line	Converted to one regular line

Table formatting

Word 2000 feature	In Word 97	In Word 6.0/95
24-bit color for borders and shading	Converted to closest of standard 16 colors	Converted to closest of standard 16 colors
Allow page breaks in a table is turned on	Turned off during conversion	Turned off during conversion
Cell margins	Not supported	Not supported
Decorative border styles	Supported	Converted to box borders
Diagonal cell border	Supported	Not supported
Nested table	Not supported	Not supported
Numbering in cells	Supported	Numbers converted to regular text
Spacing between cells	Not supported	Not supported
Text-wrapped floating object in table	Object moved to paragraph above table	Object moved to paragraph above table
Vertical text direction	Supported	Converted to horizontal text
Vertically aligned text	Supported	Converted to top alignment
Vertically merged table cell	Supported	Merge is lost

Web page formatting

Word 2000 feature	In Word 97	In Word 6.0/95
Frames pages	Frames pages are lost, but the Web pages used by the Frames page are saved. The document shows the text	Frames pages are lost, but the Web pages used by the Frames page are saved. The document shows the text "This

	"This page uses frames but your browser doesn't support them."	page uses frames but your browser doesn't support them."
Microsoft ActiveX controls on forms	Supported	Converted to metafiles. Results can be viewed, but not edited.
Text formatted as a hyperlink	Supported	Text still looks like a hyperlink, but hyperlink is lost

Miscellaneous

Word 97/2000 feature	In Word 6.0/95
DOCPROPERTY field	Supported in Word 95. In Word 6.0, the field appears as "Error! Bookmark not defined."
Embedded fonts	Lost during conversion; Word 6.0/95 assigns the closest available font
Microsoft Visual Basic Projects	Lost during conversion
Unicode characters (2 bytes per character)	Mapped to corresponding ANSI (Windows) or Macintosh equivalents (1 byte per character), or converted to question marks. May result in data loss. Foreign language characters are the most likely to be affected.

Unsupported or partially supported features

The following features of Microsoft Excel 2000 aren't supported, or are only partially supported, if you open and then save an Excel 2000 workbook in Excel 97.

Excel 2000 feature	In Excel 97
External data ranges	Autorefresh doesn't work, nor does column formatting, filtering, and sorting
Indented format PivotTable reports	Lose indents, but maintain character and cell formatting
OLAP PivotTable and PivotChart reports	Appear as read-only
PivotChart reports	Appear as regular charts. Multiple-level category labels are modified, and value axis display units convert to literal values.
ScreenTips for hyperlinks	Not saved

Additional features are lost when you save files in earlier versions of Excel. The tables below describe Excel 2000 features and formats that aren't supported, or are only partially supported, in Excel 5.0 and Excel 7.0/95.

Workbook Properties and Settings

Excel 2000 feature	In Excel 5.0/95
32,767 characters per cell	Characters after 255 are deleted
65,536 rows per worksheet	Rows after 16,384 are deleted
Attached toolbars	Not saved
Custom views defined for a workbook	Not saved

Formatting

Excel 2000 feature	In Excel 5.0/95
Aligned underlining of multiple fonts	Underlining might not be aligned
Conditional formatting	Conditional formatting is lost, and cells are reformatted with the Normal style
Indentations within cells	Indentation is removed, and the contents of cells are left aligned
Merged cells	Merged cells are split into their original configurations. Data is placed in the upper-left cell.
New border styles	Converted to the closest match available
Rotated text	Text rotated at angles other than 90, -90, or 0 degrees is changed to horizontal orientation
Sheet backgrounds	Not saved
Text formatted with **Shrink to fit** (on the **Alignment** tab of the **Cells** dialog box)	Text is converted to the original point size (before **Shrink to fit** was applied)

Chart features

Excel 2000 feature	In Excel 5.0/95
3-D marker shape (cylinder, pyramid, and cone)	Saved as 3-D column chart (rectangular shape)
Bubble chart	Saved as type 1 xy (scatter) chart
Data tables in charts	Not saved
Gradient fills and patterns in chart items	Saved as the closest available solid color and pattern

Pie of pie or Bar of pie chart format	Saved as type 1 pie chart
PivotChart reports	Displayed as regular charts. Multiple-level category labels are modified, and value axis display units are converted to literal values.
Rotated text on axis and data labels	Saved as horizontally oriented text
Shading in surface charts	Not saved
Shadows on series and points	Not saved
Sizable line and xy (scatter) data markers	Not saved
Special placement of data labels	Saved in the default location for chart items
Time-scale axis (x-axis categories with date format)	Special scaling information is lost, and the axis is converted to a normal category axis

Analysis, PivotTable, and Data Access Features

Excel 2000 feature	In Excel 5.0/95
AVERAGEA; MAXA; MINA; STDEVA; STDEVPA; VARA; VARPA; HYPERLINK; GETPIVOTDATA	Not supported. Excel calculates the function before saving the file and replaces the formula with the resulting value. The HYPERLINK function is resolved to the value =#N/A.
Calculated fields, calculated items, and formatting based on structured data tables	Preserved until you change or refresh the PivotTable data, after which these features are lost
External data ranges	Not saved
Indented format PivotTable reports	If edited, change to unindented layout but maintain character and cell formatting
Natural language references in formulas	Column and row label references are converted to A1 reference notation. Names of named cells and ranges are preserved.
OLAP PivotTable and PivotChart reports	Appear as read-only
Parameterized queries	Can't be run or edited
PivotTable features	Properties that are new in Excel 2000 are lost, including the following: ▪ Page field placement across columns or down rows ▪ Alternate strings for #N/A and errors displayed in cells

- Server-based page fields
- AutoSort and AutoShow on fields
- Multiple selection on page fields
- Persistent grouping and sorting
- Data fields displayed as numbers

Preserved formatting in PivotTable reports	Formatting is saved, but structured behavior is lost as soon you make any changes to or refresh the PivotTable data
Report templates	Not saved
Shared queries (connections without a data source name)	Supported in Excel 95 (with ODBC 2.0). In Excel 5.0 (with ODBC 1.0), you're prompted for connection information.
Web and database queries to external data sources	Data resulting from the latest query is saved, but the query isn't

OLE objects and graphics

Excel 2000 feature	In Excel 5.0/95
AutoShape drawing objects	Converted to Excel 5.0/95 drawing objects; three-dimensional shapes are preserved as two-dimensional objects
Scanned photographic images	Inserted in a graphics format that is supported in Microsoft Excel 5.0/95
WordArt objects	Saved as filled rectangles

If you use the Excel 5.0/95 Workbook file format as the default when you save a workbook, and you insert in the workbook an OLE object that contains Excel 2000 features, those features won't be saved if you open and then save the workbook in either Excel 5.0 or Excel 95. However, if you open the workbook in Excel 2000, insert a workbook object that contains Excel 2000 features, and then save the workbook, the Excel 2000 OLE object features are saved.

For example, you can open a workbook in Excel 5.0 or Excel 95 that was saved in the Excel 5.0/95 format. However, if you insert a workbook object that contains features unique to Excel 2000 -- such as merged cells or a bubble chart -- and then save the workbook, those features are lost.

Workgroup and Internet features

Excel 2000 feature	In Excel 5.0/95
Change tracking and audit trail	Change history is lost
Comments	Saved as cell notes
Data validation rules for cells	Not saved
Hyperlinks	Not saved
Shared workbooks	Workbook is removed from shared use, and the change history is lost

Programmability features

Excel 2000 feature	In Excel 5.0/95

ActiveX Controls	ActiveX Controls appear in the workbook, but can't be used
Office Forms dialog box Controls	Not supported

Visual Basic for Applications modules are converted to module sheets. All text is preserved in the module; however, not all new objects, methods, and properties in Microsoft Excel 2000 are supported in Microsoft Excel 5.0 or 95. In some cases, you must edit the converted code to run the macros. Note that Microsoft Excel macro sheets (.xlm sheets) are preserved with no loss of functionality.

Unsupported or partially supported features

Converting a Microsoft Access 2000 database to Microsoft Access 97 format makes the following changes to the converted database:

- UserForms are lost. UserForms can be created only in the Visual Basic Editor. Microsoft Access 2000 forms are preserved during conversion.
- Links to data access pages are lost.
- Data that relies on Unicode functionality in Microsoft Access 2000 may not be converted correctly because Microsoft Access 97 uses characters from only a single code page (a numbered set of 256 characters, such as the standard Windows ANSI characters).
- Any Microsoft Jet data type that is new in Microsoft Access 2000 is mapped to another data type in Microsoft Access 97.
- New Access 2000 features aren't preserved in the conversion. These include conditional formatting, grouping of controls, subdatasheets, and security.

Notes

An Access 2000 database containing a table with a **FieldSize** property of Decimal can't be converted to Access 97. You must change the **FieldSize** property to another value, such as Single or Double, or change the field's data type to Currency, before you can successfully convert the database.

If you're converting a secured Access database, the user account that you use to log on must have Open/Run and Open Exclusive permissions for the database itself, and Read Design permissions for all objects in the database. To secure the converted database, you must open it in Microsoft Access 97 and apply user-level security.

If you have protected your Access database with a password, you can convert it without removing the password. If you have protected the Microsoft Visual Basic for Applications (VBA) code with a password, you must supply the password in the Visual Basic Environment.

Unsupported or partially supported features

The following features of Microsoft PowerPoint 2000 aren't fully preserved if you save a PowerPoint 2000 presentation in PowerPoint 97.

PowerPoint 2000 feature	In PowerPoint 97
Native tables	Appear as a group of shapes
Voice narration	Bullet-point animations aren't synchronized to the audio, and there is a longer gap in the audio between slides
Graphic bullets	Appear as regular bullets
Automatically numbered lists	Appear as bulleted lists
Animated GIFs	First frame appears as a static image
Multilingual Kinsoku	Changes to monolingual Kinsoku
Date format corrections	Change to system date format

Additional features are lost when you save files in earlier versions of PowerPoint. The tables below describe PowerPoint 2000 features and formats that aren't supported, or are only partially supported, in PowerPoint 95.

Presentation features

PowerPoint 2000 feature	In PowerPoint 95
Animated chart elements	Appear as static chart objects that can be edited in Microsoft Graph
Custom shows	Slides appear in presentation, but Custom show feature doesn't work
New animation effects	Converted to PowerPoint 95 animation effects
Native format movies and sounds	Converted to Media Player objects
Native tables	Appear as a group of shapes
Play options for CD tracking and movie looping	Ignored
Voice narration	Sound not recognized as narration and not synchronized to audio. Instead, Media Player plays sound as a .wav file.

Graphic features

PowerPoint 2000 feature	In PowerPoint 95

3-D effects	Converted to pictures
Animated GIFs	First frame appears as static image
Automatically numbered lists	Appear as bulleted lists
AutoShapes	Converted to freeform shape; if no matching shape exists, converted to picture
Connectors	Converted to freeform lines; automatic connecting behavior is lost
Curves	Approximated with connected line segments
Fills, gradient	Semitransparency is lost
Fills, transparent	Converted to solid fills
Graphic bullets	Appear as regular bullets
Joins and endcaps of lines	Appear as mitered joins on AutoShapes, and round joins and endcaps on freeform shapes
Line widths	Reduced in width
Linked or embedded objects	Brightness, contrast, and color transformation settings are lost
Picture brightness, contrast or color transformation	Appear with current PowerPoint 2000 settings
Picture fills	Converted to picture objects
Picture fills on shapes	Converted to picture objects with solid fill in which last foreground color is applied to object
Shadows, engraved	Appear as embossed shadow effects
Shadows, perspective	Converted to shapes or pictures and grouped with shape casting the shadow
Shapes or arcs with attached text	Converted to freeform shapes, arcs, or text boxes
Text-box margins	Averaged to center the text block in the box
Thick compound lines	Converted to picture objects
WordArt drawing objects	Converted to picture objects

Workgroup and Internet features

PowerPoint 2000 feature	In PowerPoint 95
Comments	Converted to Rich Text Format (RTF); can't be hidden

Hyperlinks that combine Play Sound with other action settings	Play Sound settings are lost
Hyperlinks embedded within an object	Hyperlinks are lost
Action settings embedded within an object	Action settings are lost
Send a copy of a slide in e-mail as the body of the message	Message header information (such as the recipient list and any message options) is lost

Chart, macro, and character features

PowerPoint 2000 feature	In PowerPoint 95
Embedded fonts	Not supported
Charts	Microsoft Graph charts can be edited in earlier versions of Microsoft Graph if the **Convert charts when saving as previous version** check box is selected on the **Save** tab in the **Options** dialog box (**Tools** menu). Microsoft Excel charts can't be edited.
Macros	Not supported
Unicode characters (2 bytes per character)	Not supported

Internationalization features

PowerPoint 2000 feature	In PowerPoint 95
Date format corrections	Change to system date format
Multilingual Kinsoku	Changes to monolingual Kinsoku

Read or write actions that your computer performs. Your computer performs a "read" when you type information on your keyboard or click items with your mouse. Also, when you open a file, your computer reads the disk on which the file is located to find and open it.

Your computer performs a "write" whenever it stores, sends, prints, or displays information. For example, your computer performs a write when it stores information on a disk, displays information on your screen, or sends information through a modem or to a printer.
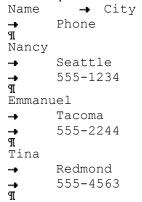
In a comma-delimited (or comma-separated) data source, commas are used to separate each record into its constituent data fields. Each record is in a separate paragraph.

For example:

```
Name,City,Phone¶
Nancy,Seattle,555-1234
¶
Emmanuel,Tacoma,555-2244
¶
Tina,Redmond,555-4563
¶
```

In a tab-delimited (or tab-separated) data source, tab characters are used to separate each record into its constituent data fields. Each record is in a separate paragraph.

For example:

```
Name        ➜  City
➜      Phone
¶
Nancy
➜      Seattle
➜      555-1234
¶
Emmanuel
➜      Tacoma
➜      555-2244
¶
Tina
➜      Redmond
➜      555-4563
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A cluster (disk storage unit) marked by the operating system as being in use but not representing any part of any chain of stored segments of a file. A lost cluster usually represents debris resulting from incomplete data "housekeeping," such as might result from the ungraceful exit (messy or abrupt termination) of an application program.

The scattering of parts of the same disk file over different areas of the disk. Fragmentation occurs as files on a disk are deleted and new files are added. Such fragmentation slows disk access and degrades the overall performance of disk operations, although usually not severely. Utility programs are available for rearranging file storage on fragmented disks.

A program that converts graphics commands into a specific printer language, such as PostScript or PCL.

The process of updating two members of a replica set by exchanging all updated objects in each member. Two replica set members are synchronized when the changes in each have been applied to the other.

A synchronization method used in a disconnected environment, such as when you travel with a portable computer. Indirect synchronization can only be configured by using Replication Manager, which is available through Microsoft Office 2000 Developer. Once indirect synchronization is configured with Replication Manager, you can perform indirect synchronization by using Microsoft Access, Replication Manager, or Jet and Replication Objects (JRO).

A method used to synchronize data between replicas that are connected directly to the local area network and are available through shared network folders.

A database to which system tables, system fields, and replication properties have been added. A Design Master is the first member in a replica set and is used in the creation of the first replica in a replica set. You can make changes to the database structure only with the Design Master. Replicas in the same replica set can take turns being the Design Master, but there can be only one Design Master at a time in each replica set.

The process of copying a database so that two or more copies can exchange updates of data or replicated forms, reports, or other objects. This exchange is called synchronization. Each copy of the database is called a replica, and each contains a common set of tables, queries, reports, forms, macros, and modules. Each replica can also contain local objects that exist only in that specific replica.

Used to synchronize replicas in a disconnected environment in which an Internet server is configured. You must use Replication Manager, which is available through Microsoft Office 2000 Developer, to configure Internet synchronization.

A copy of a database, including its tables, queries, forms, reports, macros, and modules. A replica is a member of a replica set and can be synchronized with other replicas in the set. Changes to the data in a replicated table in one replica are sent and applied to the other replicas.

The Design Master and all replicas that share the same database design and unique replica set identifier.

Troubleshooter window closure

Following the steps in this troubleshooter procedure will close the Help window.

If possible, view this troubleshooter on another computer while you perform the steps on the computer you are troubleshooting.

To continue in this troubleshooter if no other computer is available

1 If the current procedure includes steps that are collapsed beneath headings, click the plus sign beside each heading to expand all steps.

2 Click **Print** on the Help toolbar, and then click **OK**.

3 Follow the steps described in your printed copy of the procedure.

4 Reopen this troubleshooter, and answer each question as you answered it initially. When you reach the procedure you just performed, answer the question at the bottom of the page, and then click **Next**.

Supported MAPI properties

The Personal Address Book converter supports the properties listed in the following table.

Property	Stores addressee's:	Used with these address books:
PR_ADDRTYPE	Electronic mail address type	PAB, Schedule+, Outlook
PR_BEEPER_TELEPHONE_ NUMBER	Beeper number	PAB, Schedule+, Outlook
PR_BUSINESS_FAX_NUMBER	Business fax number	Schedule+, Outlook
PR_CAR_TELEPHONE_ NUMBER	Car telephone number	Outlook
PR_CELLULAR_TELEPHONE_ NUMBER	Cellular telephone number	PAB, Schedule+, Outlook
PR_COMMENT	Text included on the Notes tab	PAB, Schedule+
PR_COMPANY_NAME	Company name	PAB, Schedule+, Outlook
PR_COUNTRY	Country	PAB, Schedule+, Outlook
PR_DEPARTMENT_NAME	Department within the company	PAB, Schedule+, Outlook
PR_DISPLAY_NAME	Name as displayed in the Address Book dialog box	PAB, Schedule+, Outlook
PR_EMAIL_ADDRESS	Electronic mail address	PAB, Schedule+, Outlook
PR_GIVEN_NAME	Given name, or first name	PAB, Schedule+, Outlook
PR_HOME_FAX_NUMBER	Home fax number	Outlook
PR_HOME_TELEPHONE_ NUMBER	Home telephone number	PAB, Schedule+, Outlook
PR_INITIALS	Initials	Information

		not available
PR_LOCALITY	City or locality	PAB, Schedule+, Outlook
PR_LOCATION	Location (such as a building and office number)	Schedule+
PR_OFFICE_LOCATION	Office location	PAB, Schedule+, Outlook
PR_OFFICE_TELEPHONE_ NUMBER	Primary office telephone number	PAB, Schedule+, Outlook
PR_OFFICE2_TELEPHONE_ NUMBER	Secondary office telephone number	PAB, Schedule+, Outlook
PR_OTHER_TELEPHONE_ NUMBER	Alternate telephone number (other than home or office)	Outlook
PR_POSTAL_CODE	Zip or postal code	PAB, Schedule+, Outlook
PR_PRIMARY_FAX_NUMBER	Primary fax number	PAB, Outlook
PR_PRIMARY_TELEPHONE_ NUMBER	Primary telephone number	PAB, Schedule+
PR_RADIO_TELEPHONE_ NUMBER	Radio telephone number	Outlook
PR_STATE_OR_PROVINCE	State or province	PAB, Schedule+, Outlook
PR_STREET_ADDRESS	Street address	PAB, Schedule+, Outlook
PR_SURNAME	Surname, or last name	PAB, Schedule+, Outlook
PR_TITLE	Job title	PAB, Schedule+, Outlook