

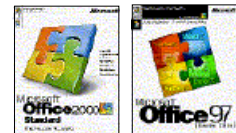
Automated Data Collection and Desktop Convenience

AutoData approach uses unique scanning technology and familiar user interface

It's a proven fact—automating data collection helps organizations gather data more efficiently and make timely, informed business decisions. AutoData Systems has been assisting customers worldwide since 1989 with practical and innovative solutions to automate data collection, and significantly reduce or eliminate manual key entry.

AutoData helps businesses of all sizes “know their customer” and maintain a competitive edge. We alleviate your pain by making it easy to conduct quick feedback surveys, administer assessments, collect personnel information or design sophisticated market research instruments.

How is this possible? AutoData, a market leader in data collection solutions, has integrated its patented scanning technology with the Microsoft® Office suite. By leveraging Microsoft's experience in developing friendly user interfaces, businesses enjoy the same desktop processing and information gathering tools they currently use, with the added convenience of scanning.



AutoData® Scannable Office delivers cost-effective intelligence gathering, at the convenience of your desktop! The software helps you design and process a scannable form. It then places your data directly in a familiar information management tool such as Microsoft Access or Excel—automatically. No exporting steps are required.

Scannable Office contains four robust modules. Each module plays a unique role so you can efficiently:

- create a new form
- transform an existing form into a form that's scannable
- extract and verify data on a scannable form
- track and manage the location of scannable objects

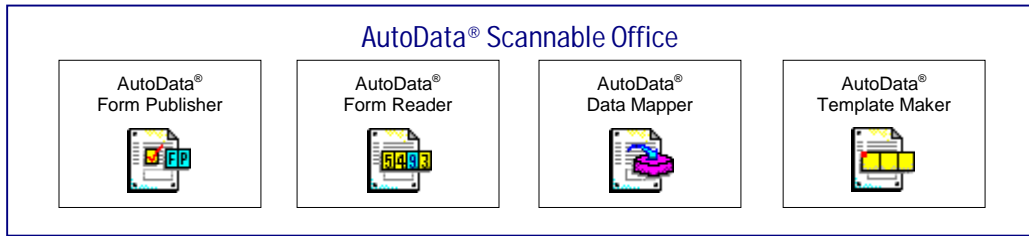


Scannable Office is feature-rich, in a comforting sort of way. Many of the default settings get you up and running in no time, and with minimal training. The software can be as flexible as your needs dictate, from the simple to the advanced. If you are proficient in Microsoft Word and either Access or Excel, and can comfortably maneuver your way around these applications, then your organization is the ideal candidate to consider Scannable Office.

When time and personnel resources are at a premium, you need productivity tools that result in a fast return on investment. Select the tools that give you an edge on building brand and customer loyalty, from the company that understands the challenges of automated data collection.

*AutoData Scannable Office ...
cost-effective intelligence gathering at the convenience of your desktop*

AUTODATA®
SYSTEMS



AutoData Form Publisher: design scannable forms and create a scannable template



Creating a scannable form is simple when you use the powerful features of AutoData Form Publisher. Take advantage of AutoData Document Template macros within Word to create customized, professional-looking forms. Best of all, if you are already familiar with Microsoft Word, your learning curve can be dramatically shortened.

- Added AutoData functionality makes Microsoft Word a powerful and familiar front-end designer
- Locator marks identify Form ID, page number, image orientation and help de-skew images
- Select 6 scannable object fields from a handy toolbar: check marks, hand print, bar codes, OCR, image capture and key entry
- Publish a form and make it scannable with one-click ease

Form Publisher transforms paper-based forms into efficient scannable forms. Several tools are available to simplify the forms creation process. For example, a customized AutoData Toolbar enables you to create scannable objects—such as check marks, hand print boxes, bar codes, OCR fields—with the click of a button. Many of these choices are pre-defined and formatted, which eliminates much of the guesswork and uncertainties that can cause delay. Simply select the appropriate properties, point your cursor at the final location, and the system automatically creates the scannable object to your exact specifications.



Locator marks are automatically embedded in correct position on each page of your form. These marks contain information that identifies the Form ID, page number, and allow the scanner to detect upside-down pages. They also help the scanner straighten (de-skew) crooked images. Locator marks transform a traditional form into a scannable form.

Form Publisher includes tools to quickly and easily group, layer, align and space text boxes and scannable objects on your page. By following some basic design rules—like avoid overlapping any scannable objects or text fields—scannable forms creation is efficient. Best of all, organizations can begin to collect timely information in less time than previously required, and at a lower cost.

Helpful message prompts open when you need guidance or perform an incorrect action. Move, change or delete any element on your form during the design phase. Once you're confident the design job is complete, click on a special Publish icon. The Publish routine runs a final check on your form to ensure it complies with some basic scannability requirements, and then *automatically* creates the form template. You now have a scannable form. The AutoData Form Reader module will be able to recognize your form as it is scanned, and extract the critical information provided by respondents.

AutoData Form Reader:

scan, process and verify scanned data, place the data directly in a database



AutoData Form Reader performs many important steps. This module scans, processes and verifies the scannable data on your form. Once the critical information is processed, the data is automatically placed in an Access database, Excel spreadsheet or ODBC data source.

- Read data collected from ISIS or TWAIN imaging scanners, fax input, PaperPort and previously saved Image files
- Recognize forms created with Form Publisher, or other AutoData and third-party programs
- Store information directly in an Access, Excel or ODBC data source
- Process forms with standalone computers or networked stations
- Verify mismarked or illegible entries in real-time

Form Reader recognizes forms created in Microsoft Word via Form Publisher, AutoData PRO and FORM 4.0, or third-party page layout programs. When a new form is created, a companion database does not typically exist. Form Reader guides you through the creation of one. It takes only seconds to complete this step with the help of easy-to-use Wizards. You will appreciate the power of Form Reader in Scannable Office since it eliminates cumbersome data exporting steps, thus saving time and increasing productivity.

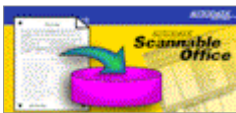
Form Reader is flexible in its ability to accept scanned input from various input sources including ISIS- or TWAIN-compliant image scanners. Forms received by WinFax PRO and previously scanned forms saved as Image files are also accepted.

Forms may be processed either *interactively*—each individual form is scanned and then “read” (interpreted) sequentially in a single pass—or in *batch* mode. Batch mode involves two separate steps. First, all forms are scanned or read as a group. Then the forms are processed and verified at a different time, either on a standalone computer or on different networked computer workstations. If an entry (such as a check mark response or a hand print entry) is mismarked or illegible, it is presented on-screen for operator verification or correction.

AutoData’s new SmartMemory™ technology features the unique ability to “learn” different hand print styles through advanced intelligent character recognition (ICR). The more the Form Reader module is used, the “smarter” the system becomes. Over time, users perform fewer manual verification and key entry edits because Form Reader grows more accurate in interpreting hand print responses.

AutoData Data Mapper:

link scannable objects on the form to fields in the database



- “Map” a form’s scannable objects to any database

The Data Mapper module allows users to automatically map the scannable objects on any new or existing form to an Excel spreadsheet, Access database or ODBC data source. Once it’s determined how the fields on a form correspond to the fields in the Access or Excel database, Data Mapper displays the appropriate form, table, and/or field elements in an easy-to-view grid. If you prefer, Data Mapper can take over this task by finding matching names and mapping the fields automatically via an Automap feature.

- Use a handy drag-and-drop interface to perform data management tasks

New forms can be registered in a database, and new databases can also be created with the help of step-by-step Wizards. In addition, edit changes can be made directly in any database at any time. A handy drag-and-drop interface speeds the process.

- Match form fields to database fields automatically with an Automap feature

Advanced users will value the optional Data Mapper module included with Scannable Office. Since it is optional, users do not have to learn Data Mapper in order to take full advantage of the other Scannable Office modules. As an organization's needs develop, it can grow into the advanced capabilities offered by Data Mapper.

AutoData Template Maker:

create scanning templates for forms created in other programs and AutoData applications



- Ensure backward compatibility with AutoData forms
- Create a scanning template with forms designed in third-party programs
- Once a scannable template is created, it's compatible with the scanning and processing capabilities of Scannable Office

Template Maker is provided as part of the Scannable Office software for use in these situations:

1. when you prefer to create forms using popular third-party page layout and drawing programs like Aldus PageMaker, QuarkXPress and CorelDraw, rather than using the Form Publisher module and Microsoft Word;
2. when you wish to maintain backward compatibility with forms already defined with AutoData FORM 4.0 and higher.

Template Maker is the bridge software that enables traditional forms created outside of Scannable Office to be compatible with Scannable Office software—and scannable. Here's what happens. First, capture a full-page image of your form with a scanner. Then with the aid of Template Maker, identify and define all the scannable fields on your form. In essence, you're manually accomplishing in Template Maker what Form Publisher automatically achieves with special AutoData Document Template macros in Microsoft Word. That's okay, because once your form is defined in Template Maker, you can take full advantage of all of Form Reader's powerful scanning, processing and verification capabilities, as well as its ability to map data directly to your database of choice.

About AutoData Systems

- Publicly traded under NASDAQ:ELSE
- Awarded numerous technology patents

AutoData Systems, founded in 1989, offers a comprehensive line of automated data collection solutions to automate forms creation and data entry from paper forms. Our patented systems can read bar codes, check marks, alphanumeric hand printing, and image capture from scanned or faxed images. Thousands of systems installed in healthcare and commercial organizations worldwide are processing forms in significantly less time compared with manual data entry processes.

AUTODATA[®]
SYSTEMS

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