



*Scanning utility software that combines OMR and image-based data collection*



Pearson NCS has revolutionized data collection by combining robust OMR (optical mark recognition) and image-based data collection capabilities into a single scanning utility software package. Not only can you be assured of the accuracy of the OMR data you collect, but at the same time you can gather critical images. . . all in a single pass through the scanner.

*A New Model for Image/OMR Scanning*

ScanTools Plus software, when used with any Pearson NCS scanner, including the OpScan iNSIGHT™ and 5000i® scanners, as well as the EZData™ classroom scanner, allows you to preserve the trusted accuracy of Pearson NCS OMR data collection solutions. We've maximized all of the OMR technology and software advances so you won't miss a beat.

In addition, you get image-based functionality that will enable you to collect complete sets of data. By identifying the parts of your forms for image clipping and interpretation, ScanTools Plus can marry related images with the OMR data on a form.

- **For surveys**, clip and assign names to images of comments and tie them to specific respondents to better understand why a specific response choice was made.
- **For tests and assessments**, clip and assign names to short answer, essay, and show-your-work responses as complete evidence of student understanding. Score the clips and add the scores to the OMR data stream.

- **For enrollments and applications**, clip and assign names to signatures and store them with the related OMR response data.
- **For reading machine- and hand-print ID numbers** on forms to identify students, groups, or employees, use ScanTools Plus Real Time OCR™. With it you can validate and correct questionable data as it is scanned using **Heads-Up Editing**.
- **For saving images**, capture and assign names to images of entire pages, link them to other data, and store them in directories for easy retrieval.

*Continuing a Trusted Legacy for OMR Scanning*

For those of you who have used earlier versions of Pearson NCS ScanTools software for OMR data collection, there's good news. ScanTools Plus software retains all of the functionality and flexibility you've come to rely on—plus some added ease-of-use.

ScanTools customers who developed applications in earlier versions of the software will find that they can be readily used with ScanTools Plus, without change. If you're new to ScanTools software, you'll delight in the features that enable you to get started with data collection projects quickly and efficiently.

*Control Your Data*

You can create applications for single- or multiple-page forms. The easy-to-use visual prompts guide you through the development process. You can define the types of fields on each form, their locations, and the order in which you want the data stored. Send data to your PC for local processing and reporting, to a mainframe computer, or simply store it for future use.

## Validate Accuracy

You can use the online edit correction capability of ScanTools Plus to correct ASCII data while you are scanning, or you can make corrections when scanning is complete. ScanTools Plus allows you to set your own rules for data interpretation; for example, you can prescribe how to treat blank or multiple responses when they are encountered.

## Accessing External Databases

While you're scanning with ScanTools Plus, you can leave the scanning program, validate data against several external data sources, and return with ease. These User Exits are easy to implement and manage with new development Wizards that also feature a chaining function.

## Optional ScanTools Plus Modules

- The ScanTools Plus Score Module allows you to score multiple-choice or true-false test forms after they have been scanned. Raw scores can be printed on the form and placed in the data record.
- A ScanTools Plus run-time license is available for scanning, editing and scoring at multiple sites.
- NCS DesignExpert™ software allows you to design, print, and personalize your OMR forms. NCS DesignExpert software allows the same for your image-based forms. This software helps you get a head start on your scanning by allowing you to transfer the form layout to a ScanTools Plus scanning application or transfer to a new program application.
- The Download Utility interface allows you to convert ScanTools Plus OMR software applications into an ASCII download command file, which is transmitted directly to an OpScan® scanner with the Download Option.
- *i*TEST™ is a packaged User Exit that provides users with a turnkey testing application that takes advantage of both OMR and image-based data collection. Using standard Pearson NCS forms, this module allows users to sample student work.
- Similarly, *i*SURVEY is a packaged User Exit that provides users with a turnkey survey application that allows capture of both OMR responses and comments, using standard Pearson NCS forms.
- Real Time OCR provides users with the capability to perform limited image-based hand-print and machine-print data collection, depending on the amount of data to be collected. With **Heads-Up Editing** you can make corrections to data as it is being scanned.

## Customer Service Programs

Use of ScanTools Plus software is made easier through the newly improved online help, which walks users through virtually every aspect of the software in a convenient, easy-to-read format.

Whether you choose to do the integration of a forms processing system on your own or work with Pearson NCS, our professionals are available to help you every step of the way. We can help improve your productivity and ensure data accuracy through ScanTools Plus software product training. We can also develop custom ScanTools Plus applications and User Exits.

## United States Domestic Support Program

Your initial purchase of ScanTools Plus includes one year of telephone support and product updates. It also entitles you to Web-based support, where you can peruse frequently asked questions, download updates and access product manuals.

Pearson NCS offers training on ScanTools Plus to help you optimize your investment. Your initial purchase of the software includes attendance in a ScanTools Plus product training class. Ask your sales representative about training value packages and custom application development at the time of your purchase.

Pearson NCS' engineering and production processes for data collection systems and forms are ISO 9001 certified.



Pearson NCS  
5601 Green Valley Drive  
Bloomington, MN 55437

Phone: 952-681-3000  
Toll-free: 1-800-447-3269  
Fax: 952-681-3674

All non-U.S. inquiries  
Phone: + 651-683-6346  
Fax: + 651-683-6301

www.PearsonNCS.com  
info-ncs@pearson.com