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Scanning has never before been this easy. You need no previous experience to use the intelligent ScanWise interface for your Agfa scanner.

Do it ScanWise!

Tips!



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To find how to make perfect scans for a wide range of applications, open a **tab menu**.



Click the numbered light bulbs at the side of the descriptions to view **useful tips**.

Having read the relevant tips, you can **return** to the same point in the description by



clicking this icon in the upper left corner.



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**Original Type
menu**



**Destination
menu**



**Image Control
menu**



**Dimensions
menu**





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Copy it ScanWise!



If you have a color or black and white printer configured on your computer, ScanWise will find it. You can then make copies of photos, or any other types of original images, by scanning them directly to the printer.





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How it works

Imagine you're the marketing manager for a manufacturer of handbags and you want to copy the latest proposals from your advertising agency to distribute among colleagues.

You have an HP 720c color inkjet printer, which is loaded with photo-quality AgfaJet glossy paper. You place the original on the scanner bed and then launch **ScanWise**. At the end of the automatic Preview scan, the AutoSelect feature has located your original and selected its borders. **ScanWise** even detects the type of your original: it senses image- or text-based documents.



When your original is selected, you then make some very simple choices from the four tab menus. Normally you start with the top tab and progress down to the **SCAN** button.





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The first tab opens the Original Type menu. Your original is a contract proof made from the screened films that will be used for printing. You select the “Print (other)” option so that **ScanWise** will remove the dots from the proof to improve the inkjet print quality (descreening).



The second Destination tab menu displays the list of compatible programs and printers available on your system. **ScanWise** finds these items when it launches. Here you click the printer option.



Image Control is the third tab, which allows you to define the appearance of your final scan. Color mode has already been selected by **ScanWise** but there are two ways to fine-tune your results. You can manually adjust the brightness, contrast and saturation with the sliders, but if the quality of the original is poor, try Photogenie for a better result.





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You use the last tab menu, Dimensions, to set the size of the printed image. This is either indicated as a percentage of the original size, or you enter its dimensions.



18

After these four simple settings have been made, you can hit the **SCAN** button. The normal printer dialog then opens, allowing you to alter settings if necessary. And that's all you have to do: **ScanWise** now makes the final scan and feeds it directly to your printer.

They'll be crazy about these simulated Frisian Cow handbags - they're definitely worth putting money into!





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Share it ScanWise!



Suppose you have some photos, slides, negatives or drawings that you would like to send to a colleague by e-mail. These could be urgent work-related items or simply your latest holiday snaps. ScanWise automatically scans your originals and places them directly into your favorite e-mail application: it's as easy as typing the e-mail itself!



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How it works

Let's say you want to send some snaps of your latest ascent of Everest to your Granny in Wichita by e-mail. Well who knows?

You place your photos on the scanner bed and then click the Preview button. **ScanWise** finds the photos and selects their borders. Assuming you were wearing some trendy climbing gear, it will also detect the fact that they are colored originals!



Now you choose one option from each of the four tab menus. Starting with the top Original Type menu, you descend swiftly towards the **SCAN** button.



You pick "Photo - glossy" from the Original Type tab menu and then move on to the Destination tab menu.





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This Destination menu displays the list of compatible programs and printers available on your system. **ScanWise** finds these as it launches. You click the "Mail recipient" as your destination.



In the third Image Control tab you find that Color mode has already been selected by **ScanWise**. You can manually adjust the brightness, contrast and saturation with the sliders, but if the quality of the original is poor, try Photogenie for a better result.



So that Granny won't have to waste on-line time, you set the image size to 50% in the last Dimensions menu. The default resolution setting for e-mail images intended for on-screen viewing is lower than printed images.





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You repeat these four simple settings for each original, and then hit the **SCAN** button. **ScanWise** now makes the final scans, opens your e-mail application, creates a new mail and then pastes in the images as attachments. All you need to add is Granny's e-mail address and wish her a very happy 90th birthday. Even free fall couldn't be simpler!

ONE-CLICK-IT
TIP





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Fax it ScanWise!



When you have software on your computer to send faxes via your modem, ScanWise will locate this. You can then immediately fax hard-copy documents, images or drawings just like a conventional fax machine.





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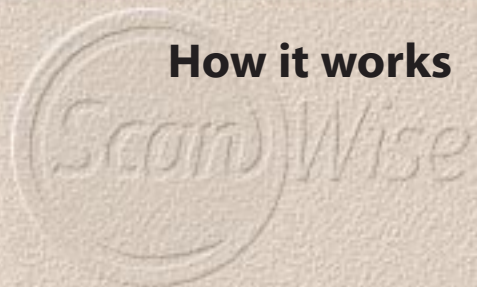
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How it works

Imagine it's your seventh birthday! You've put a lot of effort into creating your own party invitation but it's too late to post it to your friends. Some of them don't have an e-mail connection but their parents do own fax machines.

Calmly put your card on the scanner bed. Open **ScanWise** and click the Preview button. Your card appears with a border surrounding it. But there's also a red outline that you definitely didn't draw. Don't panic: it's only clever **ScanWise** showing you that it will use AutoRotate to straighten up your card so that it will fax perfectly. You obviously weren't calm enough!





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Opening the first Original Type menu, you click the Original artwork option.



In the next tab menu called Destination, you select the fax option.



Then in the third Image Control menu you select the Grayscale mode and you see that **ScanWise** has done a great job in adjusting the tonal ranges, preserving all your artistic details! You don't bother altering the other sliders.





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Since you want to send your invitation at full size, there's no need to go into the Dimensions menu because this will be already set to 100%.

So all you have to do is click the **SCAN** button. The normal dialog box of your fax application opens to allow you to give the fax number and that's it. Get into your party gear!

ONE-CLICK-IT
TIP





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Type it ScanWise!



If you've installed the optical character recognition program (OCR) that was supplied with your scanner, ScanWise can easily save you hours of re-typing printed matter. Documents are scanned, converted to text and then automatically loaded into your favorite word processor.





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How it works

You're a head chef for the duration of this example, if not for life! It's time to revitalize the image of your restaurant so you've decided to whip up a new, dynamic menu. The old menu was typed out manually so you don't have digital text files. Rather than wasting valuable time re-typing it, you use **ScanWise** to do the job in seconds.

Having fed your old menu into the scanner, you click the Preview button in **ScanWise**.



The menu is automatically selected in the Preview window and is outlined in red. This tells you that in your haste you laid the menu on an angle. If you scan lines of text on an angle, your OCR program may have problems recognizing the characters. For error-free results, **ScanWise** uses





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its built-in AutoRotate function to square up the text. You can also rotate the selection manually by dragging the corner handles.

Icons on the preview indicate the settings detected by **ScanWise**. One of these shows that your menu has been recognized as text, so you don't need to open the first Original Type menu.



In the second Destination tab menu, you choose your word processor.



The combination of a text Original Type and the word processor Destination tells **ScanWise** that OCR must be used, resulting in the Image Control and Dimensions tab menus being disabled.

So that couldn't have been much simpler: all you had to do was open a single menu!





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ScanWise gets cooking, converting your old menu to Line Art, passing this image into your OCR program, then opening your word processor and pasting in the converted text. You can immediately add your latest mouth-watering creations, before sending the file to a design bureau.

Don't you wish you had such reliable, fast-moving, self-motivated staff?!





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File it ScanWise!

Suppose you have a number of originals to scan for later use in various applications, ScanWise automatically saves these in the format and location of your choice.





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How it works

Having just returned from a Mayan architecture pilgrimage, you've got one more week of summer holiday to prepare your history courses for the new academic year. You bravely carried back an over-loaded back-pack full of photos, post cards, brochures, tickets and other items.

These will undoubtedly form a wonderful record of Chichén Itzá and other Mayan sites but you still have to scan them all!

ScanWise is the perfect tool for the job, automating virtually the whole scanning process. Since you're not sure at this stage how you are going to use all the images, you've decided to scan and save them as RGB TIFF files.

The quickest way to scan a large number of varied originals is to first sort them into sets of





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similar types. So you fill the scanner bed, leaving a small space between each original. Then launch **ScanWise** and click the Preview button.



The fact that all originals on the scanner bed are of the same type means you can now choose default settings that will be applied to them all.

In the first tab menu called Original Type, you select the correct option for the group of originals now on the scanner bed.



In the second Destination menu you right-click the "File" option on a PC and select "Properties" from the menu that opens. On a Macintosh you double-click the option. This opens a dialog where you indicate the folder that files will be saved into by clicking the "Choose..." button. You pick TIFF from the "File type" drop-down menu, activate the "Embed color profiles" checkbox to include





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ICC profiles in your files. Then you indicate the default image resolution, make sure the "Ask filename before each scan" checkbox is not ticked, and finally click OK to save these settings as defaults. ICC profiles ensure that the color in your scans will be correctly interpreted on any Macintosh or Windows PC. The File option is now selected.



12

ScanWise intelligently sets the color mode for you, but there is nothing to stop you scanning colored originals in Grayscale or Line Art mode. Just use the scan mode settings in the Image Control menu.



You don't need to open the Dimensions menu because the default scale is 100%.

Now that all of the defaults are set, you click the Preview button again. All originals are automatically assigned these settings except for the settings made in the Image Control menu.





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This working method avoids having to activate each original in turn to set its options. When you click the **SCAN** button, all originals are scanned sequentially and are saved in the location and format you specified.

Now you can sit back and remember those mystical dawns in Chichén Itzá, before the onslaught of the new academic year!

ONE-CLICK-IT
TIP





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Design it ScanWise!

While you are working in an image editing application, such as Adobe Photoshop, ScanWise is directly accessible, allowing you to scan new source material without leaving the application.





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How it works

Today you're a textile designer, working on a new range of summer dress fabrics. Working in Photoshop to experiment with different colorways, you decide that your overall design is too flat. To introduce some texture you decide to scan a piece of coarse, hand-made paper.

Without leaving Photoshop, after placing the paper on your scanner bed you select the **ScanWise** driver from the File menu. This directly opens the **ScanWise** interface and an automatic Preview begins.



After the Preview scan is complete, the whole piece of paper is now selected but you spot a couple of areas that contain some really chunky vegetation: looks like someone threw a palm tree in there!





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Since you don't want the full, automatic selection made by **ScanWise**, you click the Remove Selection button at the top-right of the interface to delete it.

After clicking the "New Selection" tool at the top of the interface, you now draw two selection rectangles around the details that interest you. These overlap but that's no problem. You adjust their sizes with the corner handles and shift their positions by dragging anywhere inside the selection rectangles.



Now you need to set up the scanning options for each selection. In the Original Type tab menu, you pick the "Original artwork" option.



The Destination tab menu only shows the Photoshop option, so go on to the Image Control menu. **ScanWise** opted for Color, but in this case you want to create Grayscale images that you can use as layer masks in Photoshop.





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You click the Grayscale button and make sure that PhotoGenie is switched on.

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Moving to the Dimensions tab menu, you enter the width of your repeat pattern. You see that the default image resolution is too low, so clicking the arrow to the right of this information opens a menu where you type in the new resolution for this scan.

17



Having set the options for both selections, you click the **SCAN** button. Two new Photoshop documents are opened, containing your textures. All you have to do is copy and paste these into layer masks and you can then make color corrections through them to introduce your chunky texture!

The possibilities are endless. Scan real leaves as Line Art, pressed flowers in full Color: whatever you need, just scan it in.





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So now it's time to turn up that Havanan bolero and drift off to sunny palm beaches: this design is going to be a winner!

ONE-CLICK-IT
TIP





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Publish it ScanWise!



With a word processor on your system, such as Microsoft Word, you can scan images directly into documents without intermediate processing. Add an OCR application to the work flow and ScanWise even scans editable text straight into your pages.





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How it works

You just stepped into the shoes of a graphic designer who is working on a documentary book of graffiti and artwork produced in Berlin before the Wall came down. You've made a mock-up of the front cover and you have the layout worked out. In order to convince your publisher to print the book, you want to make up a Word document containing some images to illustrate your text.

You've put the front cover design on your scanner bed and have launched **ScanWise**. After the automatic Preview has finished, the cover is displayed with its borders selected.



Now you set up the scanning options by leafing through the four tab menus. In the first Original Type menu, you select "Original artwork". Then you move to the second Destination menu and pick your word processor.





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Image Control is the next menu. Here you find that **ScanWise** has already selected Color mode for you, using its AutoDetect function. So there's nothing to do in this menu: you're beginning to feel a little redundant!

At least your input is needed in the last Dimensions menu. Intended for the European market, the book will have an A4 format, so you enter a height of 303 mm to allow for bleed. **ScanWise** automatically calculates the scaling factor for you.



When you hit the **SCAN** button, **ScanWise** captures your design and simultaneously enhances it. The word processor you chose is now automatically opened by **ScanWise**, a new document is created and the image is pasted into it. Following the same procedure you scan your other images and then add the text. Within





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minutes you have produced a very acceptable sample of your proposed layout.

With such a good result, you're certain that your publisher will break down any barriers preventing you going to press!

ONE-CLICK-IT
TIP





We have built optimal default settings into ScanWise to allow you to scan originals and to place them directly into the application of your choice with only a single click of the **SCAN** button.

To streamline your scanning, check the following interface settings (it may be useful to print this page as a guide).

One-click scanning

ONE-CLICK-IT
TIP





1. Select "Options..." from the Tools menu on a PC or "Preferences..." on a Macintosh.
2. In the Intelligence tab menu, turn on the "Find multiple originals" option in the "AutoSelect" section.
3. Make sure the "AutoPreview at startup" checkbox is ticked (on).
4. In the Preview tab menu, turn on the "Always" option in the "Display setting icons" section and click OK to confirm these changes.
5. Open the Original Type tab menu. Drag the option that describes the originals you are most likely to be scanning to the top of the list.





6. Open the Destination tab menu, right-click the option to which you want to scan and select "Properties" from the menu that opens (double-click the option on a Macintosh). A dialog now opens, which allows you to change the default settings as required. When scanning to a file, for example, the following default settings can be specified: the image resolution; the folder in which the file should be saved; the file format; whether to include ICC profiles or not; whether filenames for each scan will be requested or automatically created.
7. When the defaults have been set, drag this destination to the top of the list. AutoSelect uses the first option in the list as its default destination, when **ScanWise** is first launched.





How it works

- You place your original image(s) on the scanner bed and then launch **ScanWise**.
- A preview is made automatically, which selects your original(s). The first icon displayed on each selection in the Preview window shows the Original Type(s) that **ScanWise** will use.
- The Destination is set to the first option in the list, as indicated by the second icon on each selection.
- A third icon indicates the detected color mode. PhotoGenie optimization is on by default so there is no need to open the Image Control menu.
- The output size will be 100% by default so if this is acceptable, you don't need to open the Dimensions menu.
- You only need one click: the **SCAN** button!





1



Tip 1 - Icons showing the Original Type, Destination and Color Mode for each original can be displayed in the Preview window. To set the options for this display mode, open the Tools menu and click "Options..." on a PC, or "Preferences..." on a Macintosh. Then select the "Preview" tab.





2



Tip 2 - If your scanner supports the transparency option, you have to select Transparency Preview or Reflective Preview by clicking the button next to the Preview button. The automatic Preview scan that activates when ScanWise launches can be turned on or off by changing the preference settings in ScanWise. If the automatic Preview scan is turned on and your scanner supports the transparency option, a preview is made in the previously selected preview mode (Transparency or Reflective Preview).





3

Tip 3 - If your original is not squarely placed on the scanner bed, ScanWise draws a red outline around it to indicate that the AutoRotate feature will correct this during scanning. You can also rotate the image manually by dragging the corner handles of the selection. You can even rotate the image over predefined angles (90° clockwise, 90° counterclockwise, 180°, etc.) if you placed the original in the wrong direction. Press the F button in the Dimensions menu to do this.





4



Tip 4 - The Guide Me mode is both started and stopped by the button at the top-left of the interface. This mode guides you through all tab menus and explains their functions.





5



Tip 5 - If you put more than one original on the scanner bed, ScanWise will make multiple selections. The tab menu settings for each selection are then chosen individually. Every selection can have different settings. If the destination can only handle a limited number of selections at a time, you have to choose the selections you want to scan.





6



Tip 6 - If the ScanWise AutoSelect function finds a text-based document, it automatically sets the Original Type to "Text". Otherwise it uses the first option in the Original Type list when ScanWise is first launched. If you select a different type, this becomes the automatic default for any non-text documents that are selected during the current ScanWise session. Drag your most commonly used Original Type to the top of the list to avoid the manual setting of this tab menu in most cases.





7



Tip 7 - Microsoft Windows users will find that the Destination tab menu contains a list of all currently defined printers and fax applications. On the Macintosh platform, the current setting of the Chooser in the Apple menu will determine which printer or fax will be the target of the "Printer/Fax" destination. If necessary, change the Chooser setting before making your scan.





8

Tip 8 - Drag commonly-used options to the top of the Destination list for rapid access. The first option will always be the default setting when ScanWise is launched, so make this your most frequently used destination. This will save you having to open the Destination tab menu for most scans. When you pick a different destination, this becomes the default setting for both manual and automatic selections while you remain in ScanWise.





9

Tip 9 - To view or change the default output settings of a specific option in the Destination list, right-click the option on a PC and select "Properties" from the menu that opens, or double-click the option on a Macintosh.





10



Tip 10 - Generally speaking, the “Mail recipient” destination will be your normal e-mail application. The default Mail recipient on Windows platforms is the last MAPI-compliant e-mail application that has been installed or configured. On Macintosh platforms using operating systems below 8.5, the Mail recipient is determined by the preference settings of the third-party Internet Config utility. From system 8.5 onwards, the settings of the built-in Internet control panel are used.





11

Tip 11 - Many destinations require a scan to be saved on your computer, including the "Mail recipient" and "Web image" options. The Agfa default location of these scans on a Windows NT system is your "Personal" folder. On Windows 95 and 98 systems they will be saved in the "My Documents" folder. The default location on a Macintosh will be in a "ScanWise Images" folder on your Desktop. An alternative location can be individually set for each destination. To do this within Windows on a PC, right-click the option in the Destination tab menu and select "Properties" from the menu that opens. On a Macintosh, double-click the option. Clicking the "Choose..." button allows you to browse through your folders to select an alternative. In all cases except the "File" destination, the names of the scans will be "UntitledX", where X is an incremental number beginning from zero.





12

Tip 12 - When scanning to the "File" destination, the names of scans are either allocated automatically or they are supplied by you. This setting is changed on a PC by right-clicking the option in the Destination tab menu and selecting "Properties" from the menu that opens. On a Macintosh, double-click the option. If the "Ask filename before each scan" checkbox is ticked, a Save dialog will be displayed for every selected original before it is scanned. This dialog also allows you to pick a default filename and a different format from the normal default setting. If the checkbox is not ticked, the names of the scans will be "UntitledX" or "NameX" if you selected a default filename, where X is an incremental number beginning from zero.





13



Tip 13 - When icons are displayed on the Preview selections, the current default destination is indicated. If this is the destination you want, there is no need to open the Destination menu.





14



Tip 14 - Double-click the slider controls to reset them to the neutral position.





15



Tip 15 - PhotoGenie is highly intelligent, often improving the quality of poor originals. When PhotoGenie is on, you don't normally need to alter the correction sliders. If the quality of the original is good there's no need to use PhotoGenie.





16



Tip 16 - Double-click the percentage slider control to reset it to 100%.





17



Tip 17 - When entering physical dimensions, the units of measurement can be chosen from the drop down lists at the side of the numeric entry fields.





18

Tip 18 - For most destinations, the optimum resolution of the final scan is predefined. You can change this default value on a PC by right-clicking its entry in the Destination tab menu and selecting "Properties" from the menu that opens (double-click the option on a Macintosh). The new value is used for all following scans. To return to the Agfa default image resolution, click the "Reset" button.

In the Dimensions tab menu you can override this default image resolution, for only the actively selected original, by clicking the arrow to the right of the Image Resolution information. All other selections continue to use the default settings that have been separately defined for each option in the Destination tab menu, as explained in the previous paragraph.





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Tip 19 - If you want to put text and diagrams directly into your word processor as an image, rather than using OCR to convert to editable text, select an option other than Text in the Original Type menu. Alternatively, scan to a file or an image editor and add the image to your document later.





20



Tip 20 - If you make a Preview after having drawn manual selections, they will be deleted.





21



Tip 21 - When you draw a selection manually, its settings will be the same as those you set for the previously active image, or they will revert to default ones if you have not chosen any settings during the current session. For creating multiple selections with the same settings, draw the first, choose your settings for this and then draw the other selections.





22



Tip 22 - Clicking on overlapping selections activates the uppermost one. If you have difficulty activating a certain selection due to the overlapping order, use the "Next selection" tool to loop through all selections.





23



Tip 23 - When a selection is active, it has resizing handles on all corners and sides and rotation handles on all corners. Dragging a handle on one of the sides changes the position of that side only. Using a corner handle changes the two adjoining sides simultaneously. If you move the cursor around the corners of the selection until it changes into a rotation handle, you can rotate the selection. If you place the cursor inside an active selection, you can drag the whole selection to a new position.





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Tip 24 - ScanWise can be launched directly from within certain applications, such as image editors or word processors. The method and availability depends upon both the type of computer and its operating system. Within image editors, the ScanWise option is normally selected from the "Acquire" or "Import" submenu in the "File" menu. The option might be named "TWAIN_32" on PC platforms, or "Agfa ScanWise" on Macintosh platforms. From other applications, ScanWise might be started via the "Insert" menu.

