



FAQ for III

May 2009

Answers to frequently asked questions about using **Print Wizard** and **Anzio** with Millennium (and Innopac).

What is Anzio?

Anzio is a terminal emulation product that works with Innopac/Millennium (character-based, telnet or SSH interface).

What's the difference between Anzio Lite and AnzioWin?

AnzioWin costs more, and has more features. Notable feature differences include macros, FTP/SFTP, and the embedded Print Wizard.

What is Print Wizard?

Print Wizard is a print processing engine. It adjusts, formats, sizes, manipulates, adapts, improves, and corrects print jobs.

What can Print Wizard do for Millennium Users?

Following are just some of the tasks Print Wizard can do for Millennium users:

- Get the right number of lines on the page
- Print ALL diacritic/character combinations
- Print CJK, Cyrillic, etc.
- Print spine, spine/pocket, and serials labels in nearly any format you need
- Allow restart of partial label sheets
- Modify holding and transit slips for security concerns
- Drive special label printers
- Drive receipt printers, with customizations and paper cut
- Print scannable barcodes
- Convert reports to PDFs

What are the different "editions" of Print Wizard?

Print Wizard is available in "Personal Edition" and in "Server Edition". Server Edition is required for use with Millennium. AnzioWin also contains an embedded version, only for doing passthrough print.

Does Print Wizard Server Edition run on the Millennium server?

No. We call it Server Edition because it acts like a print server.

What are the current versions?

Anzio Lite and AnzioWin are at version 16. Users of earlier versions can update for a fee as described on our website.

Print Wizard is currently shipping 3.3. Some of the features described here were new in 3.0.

Can Anzio work with Millennium?

No. Millennium has its own, Java-based, client. So when using that client, you are not using Anzio. However, many tasks in Millennium, especially administrative tasks, can be done only with a character-based client; Anzio works well for these. Other tasks can be done either through the graphical client or through the character interface. Again, Anzio works well for these.

Can AnzioWin's Print Wizard feature be used with Millennium?

AnzioWin's built-in Print Wizard engine can be used only when doing "attached print" from the character interface. To print from the Millennium graphical interface, you can NOT use AnzioWin or Anzio Lite, you must use Print Wizard Server Edition.

Can AnzioWin do scripts or macros?

Yes. AnzioWin (but not Lite) has long had a command/macro feature, with over 300 commands, that lets users automate various tasks. Effective with version 12.6, we made this feature much easier to use, with both a "Record" capability and a macro editor.

Macros can send keystrokes to the host, wait for certain responses, pause for user input, issue prompts and messages, invoke and control other Windows programs, and more.

Can Anzio show a toolbar?

Yes. Effective with version 15.1, Anzio can show a toolbar at the top of the screen, with up to 20 buttons on it. Each button contains text (not icons), and is associated with a macro or command. The toolbar (and associated macros) can be **used** in either Anzio Lite or AnzioWin, but can be **configured** only with AnzioWin.

Can Anzio do SSH?

Yes, now in both Anzio Lite and AnzioWin. SSH is a secure alternative to telnet. Users are authenticated, and all traffic is encrypted. III is in the process of installing SSH on servers.

What can Anzio and Print Wizard do on a Tablet PC?

Both products work quite well on Tablet PCs, including handling rotation of the screen between landscape and portrait modes. The Print Preview feature allows you to notate (markup) the print image using the stylus, and that markup will be printed. The Anzio screen can be marked up also, and this image can be used in user documentation.

How do I set up Print Wizard Server Edition?

We prefer to assist you with setup of your first PC via a Webex (remote desktop) session. As long as you can access a website, and have permission to install an ActiveX component (from Webex, part of Cisco), this will work. After the first PC is running, you can migrate the configuration to other PCs for which you have licensed Print Wizard.

How do we connect the Millennium Server to Print Wizard Server Edition?

Millennium can have one or more printers defined as "Workstation Jet Direct" (WJD) printers. This means the server will send print jobs to a particular port on the same IP as the Millennium session is coming from; that is, to your PC. You then run Print Wizard Server Edition on that PC, in "listen mode" (also called "JetDirect mode"), which means it is listening on a particular port. It then receives print jobs, processes them, and sends them to the specified printer. This method **can** work with a dynamic IP address, but it can **not** work with Network Address Translation (NAT) generally.

Is there a problem with firewalls?

Yes. If Print Wizard is going to receive an inbound connection from the Millennium server, there must be an opening in any firewall (hardware or software).

Can I print directly from the Millennium client to Print Wizard?

Yes, if you're on Windows 2000 or later, you can define (to Windows) a raw TCP/IP printer that is on "localhost". This will send the print job to Print Wizard running on the same machine.

Can I get my receipts to print properly, and cut, without using Print Wizard?

Maybe. In general, if you tell Millennium to print in "Graphics mode", the printer driver will cause a cut at end of job, but you may have problems with layout, and you may get an entire 11-inch page of output, depending on the printer and driver.

If you tell Millennium to print in "Text mode", which bypasses the Windows printer driver, nothing tells the printer to cut the paper. However, we have heard that some receipt printers can be programmed internally to cut in response to a formfeed.

Can I get my receipts to print properly, and cut, with Print Wizard?

Yes. Print Wizard uses the Windows printer driver, which triggers the cutting.

How do I keep my label or receipt printer from spitting out a whole page?

Print Wizard can do this. Using the Windows printer driver (*not* "Generic"), Print Wizard creates a Windows print job of the required length, based on the number of lines in the job. In most cases this is automatic.

Can I customize my checkout receipts?

Yes. Print Wizard can be set to include a logo and/or additional text at the top of each receipt. It can also add a trailer to the end of the receipt. Contact us for details.

How can I improve my label printing?

Print Wizard can control the spacing and layout of the labels. For continuous-feed printers, it makes sure the printer doesn't spit out a whole page after each label. For laser printers, it will adapt the single-column output of III to a multi-column format. It can print all diacritics and CJK, on any printer. It allows you to choose your font, and add bolding.

How can I get everything aligned correctly on my labels?

First, make use of Print Wizard's "Print Preview" option. This lets you see what will print before it prints, and adjust spacing to make it work. You can even scan a label sheet as a "previewoverlay", and use it for alignment.

Also, Print Wizard comes with label templates for all common Gaylord labels.

Can I reuse partial sheets of labels

Yes. Run Print Wizard with the Preview option. In the preview window, right-click a label and select "Start labels here".

Can I print labels on a special label printer?

Yes, Print Wizard handles this just fine. We recommend the Zebra label printer, and we partner with Bayscan Technologies on this. Dymo label printers also work.

Can I customize my labels?

Yes. With Print Wizard's search-and-replace capability, which can be applied to certain lines (by line number), you can selectively change font, change bolding, center the text, print in variable-pitch fonts, print scannable barcodes, and more.

Can I print CD/DVD labels?

Yes, we have templates that do circular text on round hub labels printed on a Zebra printer.

Why won't Notices print right?

Full-page reports such as notices rely on the number of lines per page being right for the printer being used. If it's not right, successive notices will creep up or down the page. When Print Wizard is involved it automatically determines the number of lines per page, and prints the job correctly.

Can I customize my paging slips?

Yes. We have worked with several libraries on revising their paging slip procedures. This was originally done at Tulsa County Library, and was known as the "Pink Label Solution". It involves converting paging slips from one-per-page to six-per-page labels with font changes, font rotation, barcodes, etc. It can include branch name translation and patron name masking for security.

Output is on a special label stock which can be directly applied to books, media cases, etc. It will stay on while needed, yet come off cleanly and not leave any residue. Typically the label will stay on the item all the way to the dispensing library, even to a public pull shelf.

We can recommend a consultant to help with the whole process, and a supplier for the label stock. Contact us for details.

Can I alter the *contents* of a particular report?

Yes. Print Wizard has a search/replace capability that allows data to be deleted, altered, or rearranged. Location codes can be translated to location names, for instance. However, Print Wizard can not pull additional data from Millennium, beyond what's already in the report.

What can I do with Create Lists output?

If you send output from a (properly constructed) Create Lists job to Print Wizard, it can print it in columnar form, with very little effort on your part.

How can I get all my diacritics (and CJK) to print?

III and Print Wizard/Anzio must use the same "character set" for special characters. On III, this is set as the "diac table" for the printer. The most inclusive option is "UTF-8". Then set AnzioWin or Print Wizard Server Edition to UTF-8. Print Wizard will automatically handle all the diacritics. For non-Latin characters it will automatically select appropriate fonts from those installed on your PC.

Why is my printing slow?

In AnzioWin, set File:Flush Timer to “1”. This will avoid an unnecessary delay in launching a print job.

For dot matrix and receipt printers, try using a printer-resident font. These generally print faster, although they are not available in as many sizes as are TrueType fonts.

If there is a printer driver installed for the port you are using, set its “advanced” properties **not** to spool.

Can I print actual barcodes?

Yes. When you specify a search-and-replace operation, Print Wizard can find text patterns that represent barcode number, and replace them with actual barcodes.

Can Workstation JetDirect be set up for multiple printers?

Yes. I'll describe the extreme case.

On Millennium, define FOUR Workstation Jet Direct printers, named WJD-Report, WJD-Form, WJD-Label, and WJD-Receipt. Set these to use ports 9100, 9101, 9102, and 9103, respectively.

On each PC, launch up to four instances of Print Wizard Server Edition. The command line that launches each instance (such as in the Windows Startup group) should have command line parameters to tell that instance what printer to print on, what port to listen on (9100, etc.), and any other control information that may be necessary.

Now, in a particular Millennium program, to print labels, for instance, simply choose “WJD-Label” as your printer.

Can I make Print Wizard be a “system printer”?

Yes. Simply install Print Wizard (freestanding) on a PC that has a static IP address, and run it in “listen mode”. Then tell Millennium or Innopac that you have a system printer at that IP address.

Do I need Print Wizard on every user's PC?

Maybe. The tradeoff is cost vs. access. In order to do anything interactive, such as telling PW what label to start printing on, the operator needs to be at the PC on which Print Wizard is running.

Can Print Wizard generate PDF files?

Yes, all editions of Print Wizard have a built-in PDF generator.

What does Anzio cost?

Anzio Lite starts at \$32 per PC (library rate). AnzioWin starts at \$120 per PC (library rate). Prices go down with volume purchased at one time. See website for more details.

What does Print Wizard cost?

Print Wizard Server Edition starts at \$240 per PC (library rate). See website for more details.

Are volume discounts available?

Yes.

Are updates available?

Yes, you can update existing licenses for 50% of the new cost.

Are demos available?

Of course!

Is support available?

Yes! We have recently begun doing remote desktop support, which makes things much easier on you.

Is support included?

Support is included to get Print Wizard up and running. However, customization services may involve additional costs. Contact us for a quote.