



*System
Administrator Kit*

*Mainframe
Printer Guide*

RUMBA 8.0

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1 RUMBA for the Mainframe printer

This guide provides a general overview of the RUMBA for the Mainframe printer. Topics in this chapter include:

- [Mainframe printer features](#)
- [Printing mainframe documents on a PC printer](#)
- [Viewing documents before printing](#)
- [Monitoring and controlling printers and print jobs](#)
- [Viewing print job history](#)
- [Formatting printed documents](#)
- [Character Translation dialog box](#)

Mainframe printer features

With the RUMBA Mainframe printer, you can route jobs from your mainframe printer queue to the Windows printer of your choice. You can also:

- Preview documents before printing
- Save documents to print later
- Print to a file
- Change page layout, formatting, and printer properties
- Use the PC Printer Queues display to monitor and control printers and print jobs
- Use the Print Log display to monitor completed print jobs
- Use advanced printer features such as font mapping and character translation

Printing mainframe documents on a PC printer

When you have configured and connected the RUMBA Mainframe printer, you can send host print jobs to your default Windows printer by simply opening the host application, and then printing the document as usual. You can also preview documents and save them to print later, or print to a file, or change the page layout, formatting, and printer properties.

If you attempt a RUMBA printer operation, but have not yet installed a Windows printer, the Printer Wizard will automatically prompt you to install a Windows printer, and guide you through the installation process. Normally, printers are added by clicking the Printers icon in your Windows Control Panel.

For more information

Help topic: Working with data > The RUMBA Mainframe printer > Printing > Printing host documents on a PC printer

Viewing documents before printing

You can use Print Preview to review page layout and formatting, change Windows printer properties, or save documents to print later. When Print Preview is enabled, a picture of each printed document displays on the screen before the document is sent to the printer.

Monitoring and controlling printers and print jobs

You can control the behavior of the RUMBA Mainframe printer with these features: Direct printing, Printer sharing, and End print job. In addition, you can use the PC Printer Queues display to:

- Monitor and control current print jobs
- Control your Windows printers

For more information

Help topic: Working with data > The RUMBA Mainframe printer > Printing > Monitoring and controlling print jobs

Direct printing

With Direct printing, you can print both unlimited characters per line, and graphic data streams without interpretation by the printer driver. Host data is translated from EBCDIC to ASCII and sent directly to the printer, bypassing the printer driver.

Note

When Direct printing is active, Print Preview will not work. The print job will go to the printer without any preview.

Printer sharing and End print job:

Use the Printer sharing option (default) or the End print job option to specify how RUMBA software will recognize the end of a host print job.

- With Printer sharing, the current print job is released when RUMBA software receives the Change Direction Indicator (CDI) that is usually sent with the SNA End Bracket command to indicate the end of a print job.
- You can use Printer sharing for most host print applications. However, some host applications do not send an Unbind command to signal the end of the print job. If you encounter pagination problems, or if host print jobs terminate before document printing is complete, then use the End print job option.
- With End print job, if the host does not send an Unbind command at the end of the print job, RUMBA software will wait for the user-specified timeout period, and then release the print job if data is not received.

PC Printer Queues

The PC Printer Queues display lists the printer queues for all network and local printers set up in your Windows Print Manager. From the View menu, select Printer Queues, the information that is displayed is for all print jobs and for all users. See your online help for procedures on using this display to:

- Pause, resume, restart, cancel, and purge print jobs
- Add, delete, and change printers
- Change Windows printer properties

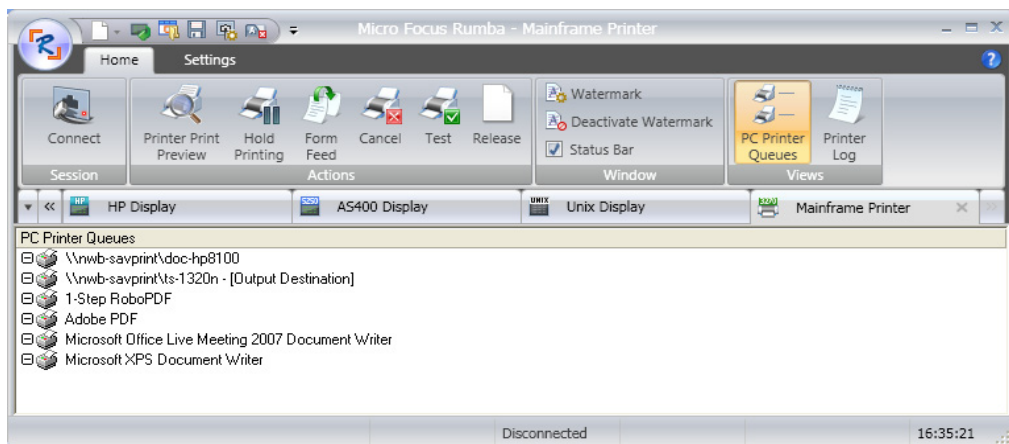


Figure 1-1 PC Printer Queues display

Viewing print job history

The Print Log display lists documents that have printed on the PC printer, including documents printed from host as well as from PC applications, saved print previews, documents that did not print due to errors, and held or canceled documents. From the View menu, select Print Log, the information displayed includes:

- Device name of the PC printer
- PC printer type
- Status of the print job; location if it is saved
- Number of pages
- Date and time the job was processed

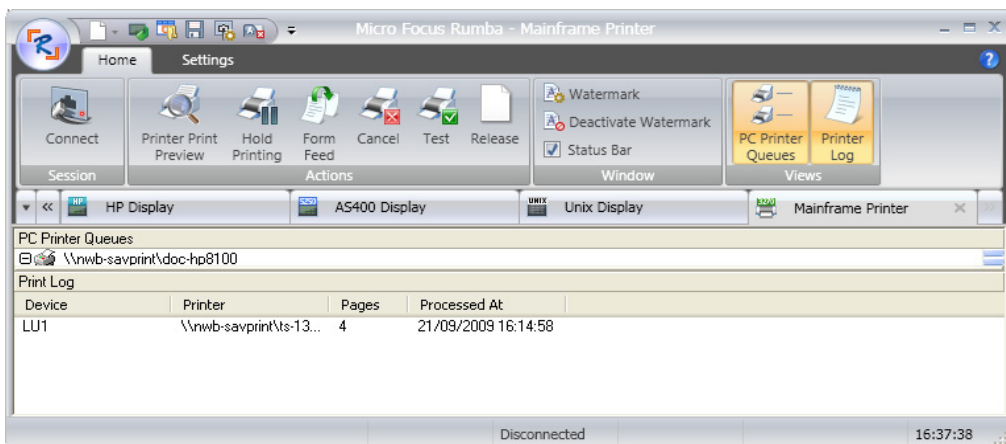


Figure 1-2 Print Log display

Formatting printed documents

The way a printed document looks is affected by the capabilities of the target PC printer, the printer driver, and the RUMBA software formatting options. You can use the format specified by the host, the default Windows format for the PC printer (LU1 print jobs only), or you can customize the format by specifying options such as text styles, page orientation, scaling, margins, and spacing.

► For more information

Help topic: Working with data > The RUMBA Mainframe printer > Printing > Formatting printed documents

Font mapping

When a host document is sent to the PC printer, it includes both text and format information. The format information includes the font size and style of the printed document. When the document prints, the closest matching font is selected from those available on the PC printer.

From the Settings tab, click Font Mapping; using this display, you can select a specific Windows font, type size, and style for each font sent from the host. You can also:

- Create multiple font map files and associate each with a different profile, to be used with different printers
- Use only PC printer fonts to speed printing

► For more information

Help topic: Working with data > The RUMBA Mainframe printer > Printing > Advanced features > What is font mapping?

Character translation

When printing host documents on a PC printer, host EBCDIC characters are translated to ANSI characters. Each national language has its own unique character translation table. By default, your character translation table is associated with the Host Character Set you selected when configuring your printer profile.

If your application requires that characters be translated differently than specified in the default table, you can create a customized translation table to meet your needs. The customized table is saved in association with your printer profile. You can also create multiple customized translation tables to use with different profiles.

► For more information

Help topic: Working with data > The RUMBA Mainframe printer > Printing > Advanced features > What is character translation?

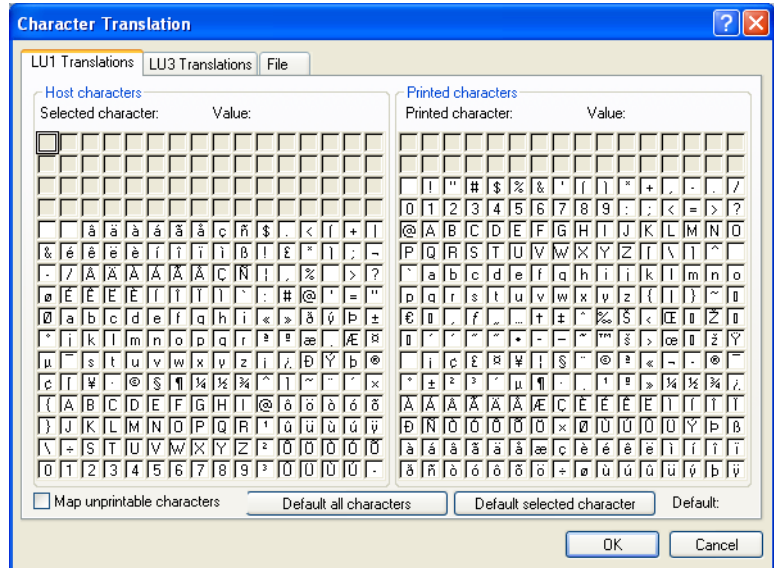


Figure 1-3 Character Translation dialog box

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