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# ProfiWEB

## Reference Guide

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*Version 2.3.3*

*N905376*

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# Preface

Welcome to ProfiWEB, the DDP Server web browser interface!

ProfiWEB is described in the following manuals:

- DDP Server User's Guide – describes the installation and configuration of printers and gives an overview of the DDP Server hardware and software.
- ProfiWEB Reference Guide – this manual

The ProfiWEB reference guide is stored in machine readable form (PDF format) on the DDP Server CD-ROM. You may print it for use with your DDP Server system.

The following conventions are used in this manual:

- Dialogs and functions to be selected by the user are referenced in **this style**.
- Some user interface elements are denoted by a path. For example, **RIP Details » Communication settings** refers to the dialog obtained by selecting **RIP Details**, and then **Communication settings**.

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All specifications are subject to change without notice.

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# General

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## ProfiWEB Overview

ProfiWEB allows to manage a DDP Server through a web browser interface.

ProfiWEB provides the following functions:

- Configuration of RIP settings, e.g., communication settings
- Monitoring the printer status
- Managing predefined and custom queues
- Managing jobs
- Managing user accounts
- Job accounting
- Configuration of load balancing between several DDP Servers

ProfiWEB is complemented by DocXPLOERER, a program which allows to monitor and control a cluster of DDP Servers.

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## User / administrator mode

ProfiWEB can be operated in anonymous user, named user, or in administrator mode. See **Login / Logout** for details.

The following functions are provided via ProfiWEB to all users:

- View DDP Server settings
  - View queue settings
  - Copy / view jobs
- Copying / viewing jobs may be restricted by the **RIP Details » Others** can see jobs attribute. See also **Job ownership**.

The following functions are provided via ProfiWEB to named users:

- Change /copy / move / view own jobs

The following functions are provided only to the administrator:

- Change DDP Server settings
- Configure load balancing
- View and obtain accounting data
- Create / change / delete queues

- Change / copy / view jobs owned by other users, including assigning another owner to a job

Functions available only to the administrator are marked correspondingly within this guide.

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## Queue types

DDP Server provides the user print queues and hold queues.

Print queues are queues where jobs are submitted for execution. Jobs submitted to print queues are executed in FIFO (first in first out) order. The order of job execution may deviate from FIFO if queues have been set up with different priorities, e.g. high or low.

Print queues can have a printing profile associated with them. The print settings of a queue define how its jobs are printed and finished. Each attribute of the queue's print settings can be defined to take priority over the jobs' settings. For example, in a queue with staple mode set to corner and queue priority, each job will be corner stapled, regardless of the job's setting applied in the printer driver.

Hold queues are permanent containers for jobs. Jobs are not executed until moved from the hold queue to a print queue. Jobs in a hold queue can be submitted to a print queue at any time.

By default, the DDP Server contains one print queue (Normal) and one hold queue (Hold). The administrator can define any number of print and hold queues. This can be used to provide different printing profiles according to the user group's needs.

Both print and hold queues can be installed as Windows or Macintosh printers. This allows easy and direct access to a queue with specified settings.

Visibility of queues in the network can be restricted by the administrator. This can be used to enforce that jobs are printed to a hold queue and must be explicitly released by the administrator using ProfiWEB or DocXPLOER. See **Queue Details » Visible in the network**.

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## Job types

DDP Server supports several different processing types for jobs:

- Printing
- Storing in a hold queue: this is performed by printing to a hold queue. Jobs submitted to a hold queue are stored for later submission to a print queue.
- Archiving as rendered bitmap: this can be performed from the **Workflow** panel of the printer driver. Rendered bitmaps can be retrieved from the **Archive queue**. They can also be used for job merging, for prepending/append, and as bitmap overlay.
- Establishing as form: this can be performed from the **Workflow** panel of the printer driver. Forms can be included as PS overlay in other jobs in the **Forms** panel of the printer driver.

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## Job ownership

The owner of a job is the person or user account which printed the job.

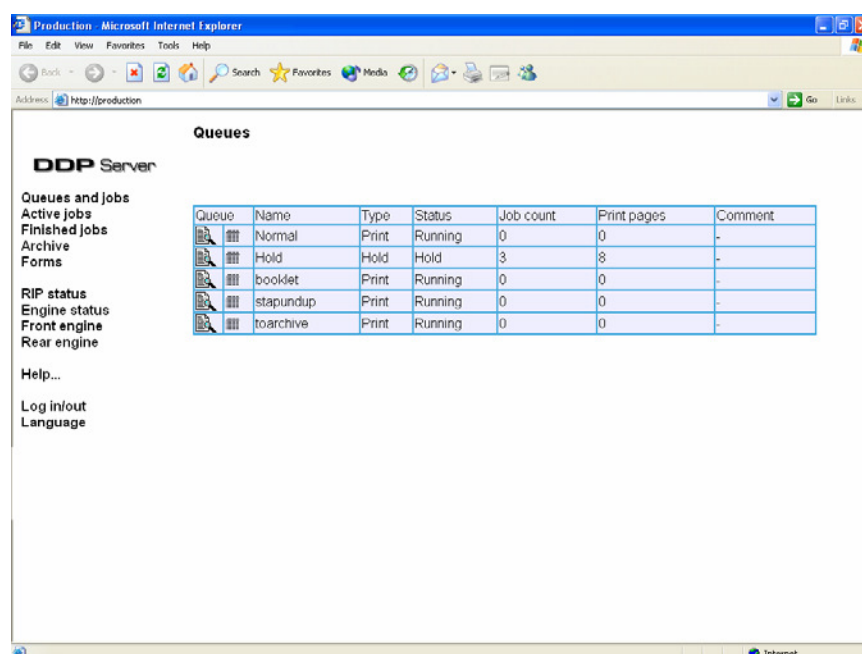
The owner of a job has the right to perform all possible operations on the job, i.e. change, delete, copy, and view the job. The access rights of other users are determined by the administrator in the **RIP Details » Others can see jobs** attribute. By this attribute the administrator can allow or disallow users to view other users' job details.

Viewing a job comprises seeing the job in a job list, viewing its details, viewing and reprinting its rendered bitmap, viewing the job log, and copying (resubmitting) the job.

# Functions

## Overview

To launch ProfiWEB, enter the name or IP number of the DDP Server in the location field of your web browser.



ProfiWEB offers you the following functions:

- Queues and jobs
- Active jobs
- Finished jobs
- Archive jobs
- Forms
- RIP status
- Engine status
- Help
- Login / Logout
- Language



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## Queue list

The queue list shows the list of available queues. The following attributes are shown for each queue:

- Name, type, status, jobs, pages, comment

Pages is the sum of the print pages of all jobs in the respective queue. The number of print pages of a job is the number of its document pages times the number of its copies.

Depending on your login status, you can view or edit the details of each queue. Select

-  to view the details of the selected queue.
-  to edit the details of the selected queue (administrator only).
-  to view the list of jobs of the selected queue.
-  to stop the selected queue (administrator only).
-  to start the selected queue (administrator only).

If you are logged in as administrator, you will be offered also a button to create a queue. Select a queue type (print or hold) and click **Add** to create a new queue.

To make the creation or deletion of a queue effective for NetBIOS, lpr, and EtherTalk, the DDP Server must be rebooted.

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## Queue details

The queue details provide information about a queue. The following information is provided (print queues):

### Queue details booklet

General | [Printing](#) | [PCL](#) | [Layout](#) | [Cover](#) | [Color](#) | [Screening](#) | [Image shift](#) | [Forms](#) | [Workflow](#) | [Page specific settings](#) |

General	
Name	booklet
Type	Print
Status	Running
Visible in network	Yes
Comment	
Priority	normal
Direct port	0
Preferred PDL	PS
Job size limit	
Printing pages in queue	0
Jobs in queue	0

- General – this comprises the following attributes:
  - Name – the name is used with the DDP Server name to form NetBIOS, lpr, and EtherTalk queue names.

- **Type** – this may be **print** or **hold**. Print queues execute jobs submitted to them. Hold queues store them for later retrieval. The queue type cannot be changed after creation.
- **Status** – for print queues, this may be **running**, **stopping**, **stopped**.
- **Visible in network** – this determines if the queue is visible as a NetBIOS, lpr, and EtherTalk queue. If it is not visible, jobs can be only submitted to it via the ProfiWEB or the DocXPLOER.

To make a change of visibility effective for NetBIOS, lpr, and EtherTalk, the DDP Server must be rebooted.

- **Comment** – this field is displayed in the queue list.
- **Priority** – this determines a priority for jobs within this queue. There are three different priority levels. Jobs from queues with higher priority are chosen for execution with higher priority.
- **Job size limit** – this specifies a limit of print pages for each job submitted to the queue. If the limit is exceeded, the job is moved to the Normal queue.
- **Direct port** – specifies a direct port to be associated with the queue (only for print queues). Port numbers must be in the range 9100 to 9999. By factory default, the Normal queue is associated with port 9100.

When a job is printed to the direct port of a queue, the queue settings are used to initialize the job state. I.e., if the job contains no setting for an attribute, the corresponding queue setting is applied. This allows to use queues as print profiles for direct ports.

- **Preferred PDL** – this selects the preferred PDL (printer description language: PostScript or PCL) for the direct port of this queue. This allows to setup different queues for direct printing of PostScript or PCL.
- **Print pages in queue** – the sum of the print pages of all jobs in the queue.
- **Jobs in queue** – the number of jobs in the queue.
- **Printing (only for print queues)** – this comprises settings for printing and finishing. Print and finishing settings correspond to the settings available as job settings and in the printer driver. See **Job details – Print settings**.

Settings can be specified with job priority or queue priority. For each attribute with queue priority and each attribute where the corresponding job setting is empty, queue settings are applied immediately prior to job execution.

If you are logged in as administrator, you can change the queue details. Click **Apply** to make the changes effective.





The following additional functions are offered for the administrator in the queue details dialog:

- **Stop / start**: This stops processing jobs in the queue, or resumes processing after a stop. The button label will toggle depending on the current queue status.

- **Delete queue:** This deletes the queue and all jobs in it (without confirmation). A deleted queue and contained jobs cannot be recovered.

## Job list

### Jobs in queue Hold

Job	ID	Name	Owner	Source	Print pages	Status	Comment
	1	Settings Page	-	-	1	Inqueue	-
	2	PS Font Sample Page	-	-	4	Inqueue	-
	3	PCL Font Sample Page	-	-	3	Inqueue	-
	52	Monthly Report January	BAnderson	-	2	Inqueue	-





Job download	<input type="text"/>	<input type="button" value="Browse..."/>	<input type="button" value="Start download"/>
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The job list shows the list of jobs in a selected queue. It shows the following attributes for each job:

- Id, Name, owner, source, page count, state, comment

The number of print pages of a job is the number of its document pages times the number of its copies.

Depending on your login status, you can view or edit the details of each job. Select

-  to view the details of the selected job.
-  to edit the details of the selected job (owner or administrator only).
-  to print the job (this copies the job from the selected hold queue to the Normal queue).
-  to delete the selected job (owner or administrator only).

Buttons for copying, moving, and deleting a job are available in the job details dialog.

# Job details

## Job details Monthly Report January

General | [Printing](#) | [PCL](#) | [Layout](#) | [Cover](#) | [Color](#) | [Screening](#) | [Image shift](#) | [Forms](#) | [Workflow](#) | [Page specific settings](#) | [Logging](#)

General	
ID	37
Name	Monthly Report January
Type	PS
Status	Inqueue
Comment	
Owner	BAnderson
Source	
Host name	
Queue	Normal
Pages to print	6
Document pages	6
Copy count	1
Page size	A4
Size (KB)	93.521

The job details provide information about a job. The following information is provided:

- **General** – this comprises the following attributes: job ID, name, type, status, comment, owner, source, host name, queue, print pages, document pages, copy count, page size, size in KB.  
  
If the owner field is empty, the job can be edited, deleted or moved by any user.  
  
The **Comment** field is displayed in the job list (under the same condition as the job name) and is output on the header page if printing a header page is selected.
- **Job specific print settings** – see Job details – Print settings.
- **Page specific print settings** – see Job details – Page settings.
- **Logging** – this is a list of events during the processing of the job. Relevant events are: Download, create by copy, start RIP, start print, end print, pause/resume, delegate, finish, finished with error. In certain cases, additional information about the event is provided, e.g. target of delegation, packet number within a split job, messages about font substitution, or an explanation of how the completed job executed, such as finished with error.
- **Output** – this is text which the job has written to the backchannel during its processing. Job output comprises error messages from the interpreter, messages about font substitution, and other messages output by the job.  
Note: If there is no backchannel output, the output panel is suppressed.

The following additional functions are offered in the job details dialog:

- **Copy** – this submits the job to the selected queue and leaves it in the source queue.
- **Move** – this submits the job to the selected queue and deletes it in the source queue.
- **Delete** – this deletes the selected job.

## Job details – Print settings

Printing	
Paper tray	Queue setting
Output tray	Queue setting
Type	Queue setting
Color	Queue setting
Weight	Queue setting
Pages (from/to)	Queue setting

This dialog contains print settings which can be applied to a job as a whole.

Print settings are described in detail in the help for the printer driver plug-in.

The dialog comprises the following attributes:

- General printing options:
  - Paper tray – paper trays can be specified explicitly or by **autoselect tray**. In this case, the best matching tray is selected.
  - Output tray – selects the tray for paper output of the job.
  - Media type/color/weight – constrains the automatic selection of a tray to the specified values.
  - Pages from/to – allows a contiguous subset of pages to be entered for printing, e.g. 3-10  
The value “all pages” may be entered as “1-0”.

- **PCL/ASCII:**

The features in this panel allow you to control the printing of ASCII files directly submitted to DDP Server. ASCII files are handled by the PCL interpreter, therefore the PCL features below can be applied to them.

PCL	
PCL symbol set	ROMAN8
PCL Font	Courier
PCL pitch	10
PCL lines per page	60
PCL line termination	No Change
PCL line wrapping	Off
Default page size	RIP default
Default custom page size / width (mm)	210
Default custom page size / height (mm)	297

The PCL features below can be entered as job settings or as queue settings. However, they cannot be entered in the printer driver, and in general, they are applied only to ASCII files. This is because printer drivers usually include their own settings for these features with a PCL job.

- Symbol set – selects the symbol set (character encoding)
- Font – selects the font (typeface). The actual font selection is based primarily on the symbol set, and only then on the given font.
- Pitch – selects the number of characters per inch (pitch)

- Lines per page – selects the number of lines per page. Note that, e.g., 60 lines per page result in a different number of lines per inch on A4 paper than on A3 paper.
- Line termination – selects the line end handling. In PCL and in Windows text files, the sequence CR/LF (carriage return + line feed) constitutes a line end.

Select **No change** to print Windows text files.

Select **Add LF after CR** to print text files from the Macintosh (line end = CR).

Select **Add CR before LF+FF** to print text files from Unix systems (line end = LF).

Select **Add LF, add CR** to combine both options.

- Line wrapping – switches automatic line wrapping for text. Line wrapping depends on the page size and orientation, and on the pitch.
- Default page size defines a page size for each PCL job which does not contain a page size command. Such jobs cannot be created with the DDP Server printer driver, but only with other printer drivers. Default page size can be: the RIP default page size, any supported page size, or a custom page size.
- Default custom page size (width/height) – specifies the width and height if default page size (above) is custom.
- **Layout and finishing:**

Layout	
Layout	Simplex
Duplex path mode	Queue setting
Staple mode	Off
Fold mode	NonFold
Trimming	Off
Binding side right	Off
Sort mode	Sort
Offset	Off
Face up/down	Face down
Clip page margin	On
Cut marks	Off
Subsets (pages)	0
Creep compensation (mm)	0.000
Gutter (mm)	0.000

- Layout – defines how document pages are mapped on printed sheets, e.g. duplex or as booklet.

Layout = Mixplex determines that PS setpagedevice commands selecting simplex/duplex in the job shall be applied. This means that the job is printed with mixed simplex and duplex pages. With other values for Layout, these PS commands are ignored.

- Duplex path – determines that the job is printed using the duplex path even if it is simplex.

Printing a simplex job on the duplex path means that the job is printed with empty back pages. For small jobs which alternate between simplex and duplex (e.g. job 1 duplex, job 2 simplex,

job 3 duplex), this speeds up printing because the paper path need not be changed between jobs.

If the job uses media types or media sizes for which duplex printing is not supported, this setting will be ignored. See your DDP184 documentation.

- Staple mode – selects the staple mode
- Fold mode – selects the folding mode
- Trim mode – selects if booklets are trimmed
- Binding side right - selects if booklet folding and finishing options (stapling) should be applied to the right side.
- Sort mode – selects if documents are output sorted or grouped
- Offset – selects if copies are offset in the output tray

Offset = “Values in the job” determines that PS setpagedevice commands selecting offset in the job shall be applied. With Offset = On or Off, these PS commands are ignored.

- Face up – selects if copies are output face up
- Clip page margin – selects if page are printed edge to edge or clipped by a margin.
- Cut marks – selects if cut marks are printed around the document.
- Subsets (pages) – specifies that the job is divided into subsets of the given number of pages, and that all finishing operations are applied separately to each subset.

E.g. subsets = 5 together with layout = duplex and staple = corner means that a new sheet is started every 5 pages and that stapling is applied every 3 sheets.

Subsets = 0 means no special handling.

This feature supports, e.g. that in a mail merge or DPM job, finishing is applied to each individual letter, not the whole job. Also it can be used to divide booklets such that they fit the page limit of the booklet maker.

- Creep compensation – compensates for creep, i.e. the effect that outer pages of a booklet do not line up with the inner pages when they are folded.
- Gutter – determines a fixed margin to be applied between the two document pages of an imposition.

- **Cover sheets:**

Cover	
Transparencies with interleaf	Queue setting ▾
Front cover	Queue setting ▾
Front cover tray	Queue setting ▾
Back cover	Queue setting ▾
Back cover tray	Queue setting ▾
Header page	Queue setting ▾

- Overhead transparencies – selects the creation of transparencies

- Front cover sheet – selects the insertion of a front cover sheet from the selected tray
- Front cover tray – selects the tray to be used for the front cover sheet
- Back cover sheet – selects the insertion of a front cover sheet from the selected tray
- Back cover tray – selects the tray to be used for the front cover sheet
- Header page – selects the insertion of a separator page with info about owner, job name, and print time
- Trailer page – selects the insertion of a separator page with info about owner, job name, print time, and print results.
- **Color:**

Color	
Text and graphics separation	Spot color
Image separation	Queue setting
Separation color	Red
Tolerance	10
Print color 1	Black
Print color 2	Red
Enforce color matching	On
Non-separation color	Black
Overprint	Queue setting

- Text/graphics separation mode – selects if no separation, or spot color separation, or mixing color separation is applied.
- Image separation mode – selects if no separation, or spot color separation, or mixing color separation is applied.
- Separation color – indicates which color is used for separation.
- Tolerance – selects how many color values near the separation color shall be mapped on the reference color.
- Print color 1/2 – indicates which colors are expected to be present on the engines.
- No separation color – selects the color to be printed in the case of no separation.
- Enforce color matching – selects if print colors must match engine colors exactly when a job is printed.
- Overprint – selects that objects lying on top of others are rendered with overprinting, i.e. without erasing the lower object. This technique can be used to avoid blank areas at adjacent edges of overlapping objects.
- **Screening:**



Screening	
Screen frequency (lpi)	Queue setting
Screen angle (degrees)	Queue setting ▼
Screen angle 2 (degrees)	Queue setting ▼
Gamma control: contrast	Queue setting ▼
Gamma control: density	Queue setting ▼

- Screen frequency – sets the screen frequency
- Screen angle – sets the screen angle
- Screen angle color 2 – sets the second screen angle for color separation.
- Contrast – increases or decreases the contrast in the result page.
- Density – increases or decreases the density in the result page.

- **Image shift:**

Image shift	
Shift front/back separately	Queue setting ▼
Front horizontal shift left (mm)	Queue setting
Front vertical shift up (mm)	Queue setting
Back horizontal shift left (mm)	Queue setting
Back vertical shift up (mm)	Queue setting
Print position	Queue setting ▼

- Shift Front/Back separately – allows you to enter separate shifting values for front and back or let the front values apply also to the back.
- Front horizontal / vertical shift – allows you to specify horizontal or vertical shifting on the image on the front page of the paper.
- Back horizontal / vertical shift – allows you to specify horizontal or vertical shifting on the image on the back page of the paper.
- Print position – allows to align the document with one side or one corner of the paper.

- **Forms:**

Forms	
Use PS overlay	Queue setting ▼
Use bitmap overlay	Queue setting ▼
Prepend job	Queue setting ▼
Append job	Queue setting ▼

- Use PS overlay – selects a form for PS overlay (execution of the form job before each page of the main job)
- Use bitmap overlay – selects a form for bitmap overlay (merging the bitmap of the form with the bitmaps of each page of the main job)
- Prepend job – selects an archive job for adding in front of the main job
- Append job – selects an archive job for adding at the end of the main job

- **Workflow:**

Workflow	
Destination	Queue setting ▼
Delegation	Queue setting ▼
Job splitting mode	Queue setting ▼
Email notification	Queue setting ▼
Send Windows message	Queue setting ▼

- Destination – this may be printer, form, archive, or archive and printer. See Job Types.
- Delegation – if delegation is off, the job is not considered for delegation in the context of load balancing.
- Job splitting mode – the amount of job splitting can be configured as page splitting and copy splitting:  
 Page splitting is achieved by dividing a print job into subsets by pages, e.g. page 1-100 and 101-200 of a 200 page job.  
 Page splitting limit indicates the maximum number of pages for each partial job. E.g. a page splitting limit of 100 means that bigger jobs are divided into subsets of max. 100 pages.  
 Copy splitting is achieved by duplicating a print job with reduced copy count, e.g. duplicating a 500 copies job into 2 jobs with 250 copies each.  
 Copy splitting limit indicates the maximum number of copies for each partial job. E.g. a copy splitting limit of 100 means that bigger jobs are duplicated with a reduced copy count of max. 100.
- E-mail notification – the mode and address for notification when a job is finished.
- Send Windows message – sends a Windows message to the given client PC when the job is finished

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## Job details – Page settings

This dialog contains print settings which can be applied to single pages of a job.

<b>PS overlay</b>		<b>on pages</b>		
- none -		Queue setting		

<b>Bitmap overlay</b>		<b>on pages</b>		
- none -		Queue setting		

<b>Insert from</b>		<b>before pages</b>		
Tray 1		-		

<b>Print on pages</b>	<b>Tray</b>	<b>Media type</b>	<b>Media color</b>	<b>Media weight</b>
-	-	-	-	-

<b>Jogging</b>	
Jog before pages	-

Page settings are described in detail in the help for the printer driver plug-in.

The dialog comprises the following attributes:

- **PS overlay** / on pages – selects a form for PS overlay (execution of the form job before the selected pages of the main job)
- **Bitmap overlay** / before pages – selects a form for bitmap overlay (merging the bitmap of the form with the bitmaps of the selected pages of the main job)
- **Insert from** / before pages – specifies that an empty sheet shall be inserted before the selected pages
- **Print pages** / Tray / Media type/color/weight – specifies that the given pages shall be drawn from the tray specified in the same row, e.g. pages 18-25,37-39 from tray 3 or pages 31 to 33 from a tray containing Bond paper with a weight of 130-133 g/m<sup>2</sup> (35 lb bond)
- **Jog before pages** – determines that paper is offset in the output tray before each specified page

Click Apply to make more fields available for PS overlay, bitmap overlay, insert pages, or print pages.

To override non-empty queue settings with “no pages”, enter a minus sign (-).

## Active jobs

This dialog show you the list of jobs which are currently interpreted or output.





As the owner of a job or as administrator, you can cancel the job by editing its details and clicking **Cancel**.

## Finished jobs

This dialog shows you the list of jobs which have finished execution.

If a job failed to print or did not print as expected, you can inspect the job log by viewing the job details.

Jobs may fail, e.g. because the requested paper size is not available. Failed jobs are marked with an error status in the list of finished jobs:





















Job	ID	Name	Owner	Source	Print pages	Status	Comment
		36 SSW Upgrade Version 887 upgrdlog	admin	-	1	Finished	-
		37 Monthly Report December	ASmith	-	6	Error	-

Failed jobs can be copied to a print queue for resubmission. It may be necessary to edit the job ticket (e.g. change requested paper tray), or to change the DDP Server's engine configuration (e.g. supply right paper size) before resubmission.

The job sources necessary for resubmission are automatically purged following criteria defined by the administrator, e.g. by available space. So resubmission may not be possible after a while, although the job is still visible in the list of finished jobs.

## Archive

This dialog shows jobs whose bitmaps are archived for reprinting or feedback to the client workstation.




Job	ID	Name	Owner	Source	Print pages	Status	Comment
		7 Settings Page	MMuir	-	1	Archive	-
		9 ascii.bt	-	-	1	Archive	-
		10 Press release May-04	-	-	1	Archive	-
		11 Microsoft Word - very important document	-	NetBIOS	2	Archive	-
		12 card_sample noimage.ps	HDuus	-	202	Archive	-
		13 card_sample mod1.ps	HDuus	-	202	Archive	-
		14 card_sample noshow.ps	HDuus	-	202	Archive	-
		15 budget planning	HKoch	-	20	Archive	-
		16 Calendar 2005	WGibb	-	12	Archive	-
		17 Invitation 050205 on Company letterhead	RBull	-	10	Archive	-

The following job operation causes the DDP Server to store a bitmap with a job:

- Archiving as a rendered bitmap – this is achieved by selecting in the printer driver or in the **Job Details** dialog: Destination = Archive.

The DDP Server produces print resolution bitmaps. The resulting job is available in the **Archive queue**. The bitmaps can be used to print the job without new execution, to merge jobs, for prepending/ appending, or as bitmap overlay.

Depending on your login status, you can view / edit the details, preview, or print each job. Select

-  to view the details of the selected job.
-  to edit the details of the selected job.
-  to preview the selected job.

As preview, the DDP Server shows thumbnail views of the available page bitmaps. Print resolution bitmaps can be obtained per page or per job (multi page TIFF), and with various compression schemes. Note that an A4 bitmap in 600 dpi comprises 4 MB of data.


---

From	To	File format	Compression	Resolution	Multipage
		Uncompressed	Screen	On	Save

---



#### Select

- the thumbnail – to start downloading the page as non-compressed TIFF in print resolution
- **Download ...** – to select download attributes and a page range and then start downloading the job or the selected page range in print resolution
- **Page ...** – to select download attributes and then start downloading the page in print resolution
-  to print the selected job.

The job is immediately submitted for printing to the active queue .  
The job ticket cannot be edited.

Print settings may be executed either when a job is printed to the archive, or when it is printed from the archive, or both. Examples are:

- To the archive: screen frequency and angle, scaling for layout booklet small, PS overlay.
- From the archive: finishing operations, layout booklet and 2in1, gutter, creep compensation, image shifting.
- To or from the archive: bitmap overlay, append/prepend, print pages from/to.

In general, print settings shown in the job details of an archive job are those which have been actually used for execution (print to archive), or which are still to be used (print from archive).



Print settings which can be applied while printing to or from the archive are deleted after execution. A note indicating the application is included in the job log.

Example: Job A requests a bitmap overlay with job B in its job ticket and is printed to the archive. The archive job contains the overlay with job B. The job ticket entry for the bitmap overlay is deleted, but the job log contains a note about the overlay. When job A is printed from the archive, the user may change the job ticket to request bitmap overlay with job C, resulting in a second overlay being applied to the printout.

---

# Forms

This dialog shows the list of available forms

Job	ID	Name	Owner	Source	Print pages	Status	Comment
	1	Letterhead	HKoch	NetBIOS	1	Form	-
	8	delivery conditions	MMüller	NetBIOS	1	Form	-



A form is a one page job which can be used instead of preprinted paper (electronic stationery). For example, a form may contain a company letterhead or logo.

Printing a document with a form results in printing the document pages over the form pages (PS overlay) or by merging the document bitmaps with the form bitmaps (bitmap overlay). To print the final version of a job, you may select a tray with offset printed paper instead of the form.

Forms can be created from any software application, e.g. MS Word. Forms are created by printing the document with Destination = Form in the **Workflow** panel of the printer driver, or by selecting Destination = Form in the **Job Details** dialog.

Forms are applied from the **Forms** panel of the printer driver, or by selecting **PS overlay = ...** or **Bitmap overlay = ...** in the **Job Details** dialog.

Depending on your login status, you can view the details or preview each form. Select

-  to view the details of the selected form.
-  to preview the selected form.

As preview, the DDP Server shows thumbnail views of the available bitmaps. To view or download the print resolution bitmaps, click on the corresponding thumbnail. Note that an A4 bitmap in 600 dpi comprises 4 MB of data.

---

# Accounting

This function allows the administrator to preview or download accounting data.

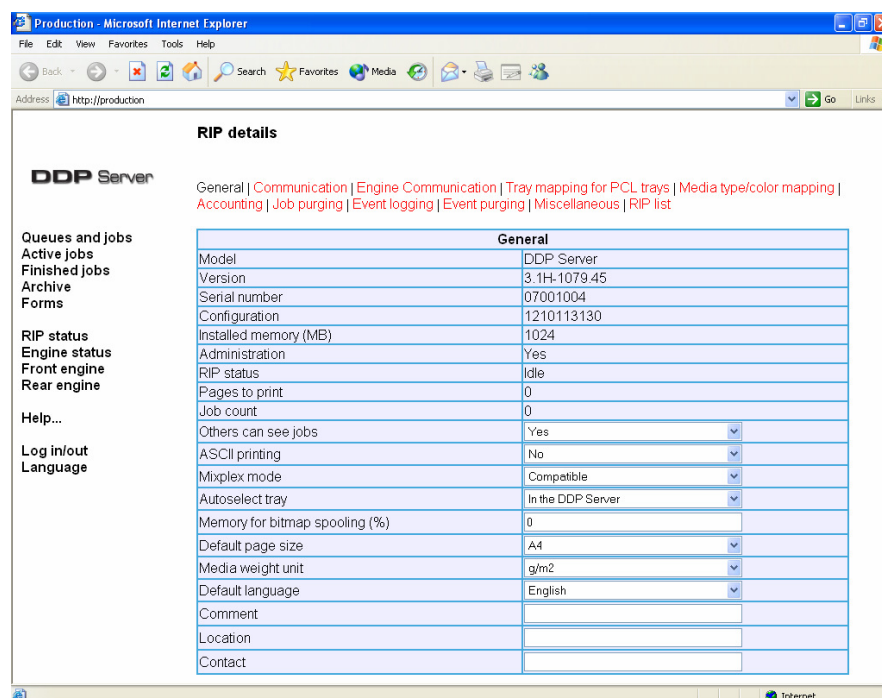
ID	Name	Owner	Source	Download time	RIP duration	Print duration	Page size	Pages	Copies	Staple	Fold	Duplex	Toner coverage	Error
38	Manual for Web interface	HKoch	NetBIOS	10/27 10:57:28 UTC	0:01	0:58	A4 SEF	1	0	No	No	No		

The accounting function shows the following attributes: job ID, name, owner, source, download time, RIP duration, print duration, page size, document pages, copies, finishing options, toner coverage, error message.

Accounting data are provided as tab separated values, such that they can be imported easily into a spreadsheet program.

# RIP details

This dialog shows the DDP Server configuration.



Depending on your login status you can also change the configuration. The following attributes can be viewed or configured:

- **General Settings**

- Others can see jobs – this field indicates if other users than the owner can copy or view a job. The field can be toggled between on and off.
- ASCII Printing – this field indicates if ASCII text jobs are accepted for printing. If it is enabled, jobs of unknown type (not PostScript, PDF, PCL, or TIFF) will be printed as ASCII text.
- Autoselect tray – selects if automatic tray selection is performed in the DDP Server or in the printer.
- Mixplex mode – indicates the operation mode for mixplex (mixed simplex – duplex) printing.  
Mixplex can be selected under **Job Details – Layout – Layout**.

Mixplex mode = Compatible: Mixplex printing is done as in an older software version, i.e. printing on a front page is forced only if the PostScript pagedevice parameter /Duplex changes.

Mixplex mode = Standard duplex: Printing on a front page is forced whenever the pagedevice parameter /Duplex is set, even if the value does not change.

Mixplex mode = Standard: Printing on a front page is forced whenever any pagedevice parameter is set, even if the value does not change.

- Memory for bitmap spooling (MBS) indicates the amount of memory allocated for spooling bitmaps to allow that pages of a job can be reprinted without re-ripping when a job is resumed after pausing.

MBS can be configured as percentage of the amount of memory for multiple purposes. This is the memory exceeding 128 MB RAM. In order to achieve that MBS can be used to accelerate resuming, it must be configured to at least 100 MB (e.g. 80% of the 128 MB available when total RAM is 256 MB).

After changing MBS, the DDP Server must be rebooted such that the change becomes effective.

**WARNING:** Before physical RAM is reduced, e.g. by taking out 128 MB of 256 MB, MBS must be configured to 0% and the DDP Server rebooted to allow it to adjust its reservation for fixed memory used for booting.

- RIP default page size defines the page size for jobs which do not contain a page size command. It applies to the sample pages (settings and font sample pages) and may apply to jobs created by other printer drivers. (Jobs created by the DDP Server printer driver always contain a page size).

The RIP default page size may be A4 or Letter. It is applied together with the queue default page size (see **Queue Details**).

- Unit of media weight field indicates how media weights requested in PostScript jobs created by other drivers are interpreted: as g/m<sup>2</sup> or as lb bond. See **Job details – Page settings**.
- Default language is offered as language to users which use DDP Server for the first time.
- Comment – this field is displayed as the RIP comment in the DocXPLODER's RIP list.

- **Communication settings** – see below
- **Engine Communication settings** – see below
- **PCL Tray Mapping** – see below
- **Media type/color mapping** – see below
- **Accounting settings** – see below
- **Job purging settings** – see below
- **Event logging settings** – see below
- **Event purging settings** – see below
- **Miscellaneous settings**
  - Load Balancing settings – see below
  - User accounts – see below
  - Time – the current time on the RIP
  - Time zone – the local time zone of the user
  - Export/Import queue settings – allows the administrator to export the settings of all custom queues to a file on his PC. The settings can be re-imported from this file later to a DDP



Server with no custom queues. This allows the administrator to save the queue settings, e.g. over a system software upgrade.

---

## RIP details – Communication settings

This dialog shows the current and planned communication settings. They can be changed only by the administrator. Planned communication settings will be applied after the next reboot of the DDP Server.

Communication		
	Current settings	After restart
Name	Production	Production
Domain	company.com	company.com
Use DHCP	No	No
IP address	192.168.1.1	192.168.1.1
IP gateway	192.168.1.254	192.168.1.254
IP mask	255.255.255.0	255.255.255.0
EtherTalk zone	production	product
NetBIOS workgroup	production	production
Name server	192.168.1.253	192.168.1.253
Mail server	192.168.1.253	192.168.1.252
Communication settings apply after RIP restart.		

Communication means the settings of the network card which connects the DDP Server to its client network. Communication comprises the following attributes:

- Printer name – the host name used for TCP/IP, NetBIOS, lpr, and EtherTalk.
- Domain – the domain used for TCP/IP. If a Domain Name Server (DNS) is used in the network, the combination of printer name and IP address should match the entry made in the DNS.
- DHCP flag – if this flag is enabled, the DDP Server looks for a DHCP server when it boots to obtain communication settings. DHCP usage is factory default.
- IP address
- Gateway IP address – maybe empty if there is no gateway
- Subnet mask
- EtherTalk Zone
- NetBIOS Workgroup
- Domain name server (DNS) IP address
- Mail server name or IP address

If the DDP Server shall perform email notification, a mail server must be specified which accepts the email notifications. This can be done by entering the mail server address directly, or by entering the DNS address. If none of them is supplied, job ticket requests for email notification will be ignored.

If a DNS only is supplied, the printer name must be entered with a fully qualified domain name. Also, the DNS should contain an MX record for the domain referring to the mail server. This enables the DDP Server to look up the mail server at the DNS.

For email notification, the DDP Server must be announced to the mail server as a possible client.

---

## RIP details – Engine Communication

This dialog shows the current and planned engine communication settings.. (Editable by administrator only.) Planned engine communication settings will be applied after the next DDP Server reboot. Engine communication comprises the following attributes:

Engine Communication		
	Current settings	After restart
Front Engine IP address	10.0.1.1	10.0.1.1
RIP IP address	10.0.1.2	10.0.1.2
Subnet mask	255.255.255.0	255.255.255.0
Rear Engine IP address	10.0.2.1	10.0.2.1
RIP IP address	10.0.2.2	10.0.2.2
Subnet mask	255.255.255.0	255.255.255.0
Communication settings apply after RIP restart.		

- Front engine communication:

RIP IP address – the IP address of the network card in the RIP which is connected to the front engine.

Front engine IP address

Subnet mask – the subnet mask used for communication between RIP and front engine.

- Rear engine communication:

RIP IP address – the IP address of the network card in the RIP which is connected to the rear engine.

Rear engine IP address

Subnet mask – the subnet mask used for communication between RIP and rear engine.

---

## RIP details – Media type/color mapping

Media type on OCP	Media type in PS job
Plain	
Plain	
Plain	

Media color on OCP	Media color in PS job
White	
White	
White	

This dialog allows the administrator to define how non-standard media types and colors are handled by DDP Server. Non-standard media types and colors can be contained in PostScript jobs created by other drivers.

The right column shows the media types contained in your job. The left column shows the media types actually printed.

E.g. to print the media type MyBond contained in PostScript jobs by the DDP Server media type Bond, select Bond in the left column and enter MyBond in the right column.

E.g. to print the media color MyCustomColor1 contained in PostScript jobs by the DDP Server custom media color Color1, select Color1 in the left column and enter MyCustomColor1 in the right column.

See also **Job details – Page settings**.

---

## RIP details – Load balancing

This dialog allows the administrator to configure load balancing.

### Load balancing

---

Clients	
- none -	

---

192.168.1.2/marketing.company.com	<input type="button" value="Add..."/>
	<input type="button" value="Add..."/>

---

Multiple job delegation	No
Delegation limit (pages)	0

Load balancing means using two or more DDP Servers to share print load among several printers. Load balancing can be configured by designating a DDP Server as master and assigning it other DDP Servers as clients. This tells the master DDP Server to share its printing load with its clients.

A DDP Server is configured as master by assigning clients to it. To assign a RIP as client, enter its name or IP address in the field labeled **Add client** and click **OK**.

To unassign a client RIP, click **Delete** next to its name and IP address in the list of clients.

**Multiple job delegation** selects that the switch to the next available client will only be performed after the given number of pages has been delegated to the previous client. This can be used to enforce delegation of many small jobs to the same DDP Server without switching in-between. Availability of the DDP Server is not checked in this case. Also rerouting of failed jobs is not performed.

---

## RIP details – Accounting Settings

This dialog allows the administrator to configure the accounting.

The following option can be enabled.

- Calculate toner coverage – determines if toner coverage shall be calculated after rendering a job.

The results of toner coverage are shown also in the DDP Server's accounting log.

---

## RIP details – Job purging

This dialog allows the administrator to configure the strategy for purging jobs.

Job purging	
Purge	Automatically
	by age (days)
	3

Finished jobs are distinguished as normal (successfully executed) and failed jobs. To limit the number of finished jobs on the DDP Server, a purging strategy should be selected. Purging may be performed

- by age – jobs are purged automatically when they exceed a specified age,
- by amount – jobs are purged automatically when their number exceeds a specified value, or
- manually – only on request of the administrator .

It is recommended to select an automatic purging strategy to prevent that old jobs fill up the DDP Server's hard disk.

Job purging also deletes accounting records. Therefore collecting accounting information should be synchronized with purging jobs.

---

## RIP details – Event logging

This dialog allows the administrator to configure how events on the RIP and on the printer are logged. Events which can be logged include, for example, RIP startup, email notification configuration problems, paper empty, and paper jam.

Event notification	
Notification to email address	user@company.com
No duplicates within... minutes	10
Event class	
Info	Log
Consumables warning	Log
Warning	Log
Consumables error	Log
Error	Log
Fatal error	Log
Job info	Log

Events are divided into classes whose handling can be configured separately:

- Info – e.g., RIP startup
- Consumables warning – e.g., paper nearly empty
- Warning – e.g., hard disk nearly full
- Consumables error – e.g., paper empty
- Error – e.g., hard disk full
- Fatal error – severe system failures
- Job info – events of all jobs (default = off?)

For each event class, the following actions can be chosen:

- None
- Log – the event is logged in the database for later lookup by the administrator
- Log and Notify – the event is logged and an email is sent to the specified email address

If the DDP Server shall perform email notification, its host name must be entered with fully qualified domain name, and a DNS must be specified in **RIP details » Communication settings**.

For certain events, which can occur in fast repetition, like “printer door open”, a timeout period can be specified. This suppresses duplicate email notifications for the same event within the given period.

The event log can be viewed in the **RIP details » Miscellaneous » Event log** dialog.

The Event log dialog also allows to manually purge the event log. To purge the event log completely, click **Purge all**. To purge the event log partially, select an event and click **Purge**. This will purge the selected events and all older events.

Automatic purging of events can be configured in the **RIP details » Event purging** dialog.

---

## RIP details – Event purging

This dialog allows the administrator to configure automatic purging of events in the event log.

Event purging	
Purge	Automatically
	by age (days)
	3

Event purging may be performed

- by age – events are purged automatically when they exceed a specified age,
- by amount – events are purged automatically when their number exceeds a specified value, or
- manually – only on request of the administrator.

---

## RIP details – User accounts

This dialog allows the administrator to manage the list of user accounts.

### Users

Delete...

- ☐ BAnderson
- ☒ HKoch
- ☐ MMüller

Delete

Change admin password

Old password   
New password   
Retype new password

Apply

User accounts are created automatically the first time a user logs in via ProfiWEB. The user name and password entered at the first login are taken as the account name and password. The user name is used to grant access to the jobs submitted through the Windows or MacOS printer driver under this name.

A user must login at least once to get access to his jobs submitted for private printing.

The administrator can delete a user account. This does not affect any jobs of this user. However, it deletes the password such that the user can login with a new password.

The administrator can also change the administrator password. The administrator password is empty by factory default. It is reset to empty when the **Factory defaults** function is performed.

---

## RIP details – Tray mapping

This dialog allows to map the tray numbers used in the job on the tray numbers available on the connected printer:

Engine tray	Tray numbers in PCL job
Tray 1	1,10,251
Tray 2	11,252
Tray 3	3,12,253
HCF	14
MBT	2,5,6,255
Queue setting	

The left part of the table shows the trays actually used for printing. The right part of the table shows the tray numbers in the job (as a comma separated list). Each tray number given on the right is mapped on the tray listed on the left.

E.g. to print pages containing the PCL tray selection code 14 on the HCF, enter into the text field right of HCF: 14.

---

## Engine details

This dialog shows configuration and status information about the connected printer. The following information is shown:

### Engine status

[General info](#) | [Paper trays](#) | [Output trays](#) | [Installable options](#)

#### General info

Vendor	Ricoh Printing Systems
Name	DDP184 Laser Printer
Revision	DDP184 1.0 et026.1
Resolution X	600
Resolution Y	600
Color 1	Black
Color 2	Black
Engine status	Idle
Warning	-
Error	-



- Printer model
- Status and error messages
- Tray information – list of available trays with paper size and paper quantity
- Installed options, e.g. finisher unit.

“Front / rear engine” shows the web site of the front or rear engine of the DDP184.

---

# Login / Logout

To change your user mode, select the **Login / Logout** function.

## Log in/out

---

Please enter your username.

Please enter your password.

Log in

---

Please enter your password.

Admin login

For logging in you must have cookies enabled in your browser.

To obtain administrator status for a DDP Server, enter the administrator password, then click **Admin Login**.

To obtain named user status for a DDP Server, enter your user name and password, then click **Login**.

Your DDP Server user name should match your Windows and MacOS network name. This name is included in your jobs by the printer driver. It is used to grant you access to your jobs.

The password which you enter the first time is stored by ProfiWEB as your password. You need the password to manage your own jobs via ProfiWEB. Your user account and password can be cleared by the administrator in the **RIP details » User accounts** dialog.

To return to the anonymous user status, click **Logout**.

Only one user can be logged in as administrator of a DDP Server at the same time. You can achieve administrator status via DocXPLOER login and via ProfiWEB login. DocXPLOER logins have priority over ProfiWEB logins. An administrator login by DocXPLOER cancels an existing ProfiWEB login.

The administrator can change the administrator password in the **RIP details » Miscellaneous » User accounts** dialog.



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# Language

## Language

---

Current language: English

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Please select the language:

English

Japanese

To change the language of ProfiWEB, click **Language**. This offers you a choice of supported languages. Click on the language of your choice. Then click on the link which reloads the ProfiWEB start page.

To change the language you must have cookies enabled in your browser.



# Glossary

Term/Abbreviation	Explanation
<b>Accounting</b>	Providing the administrator with execution and consumables usage data for executed jobs, e.g. number and type of printed pages, print time, errors. DDP Server provides raw accounting data for individual processing.
<b>Active jobs</b>	A virtual queue showing the jobs which are currently interpreted or output.
<b>Administrator</b>	User with special rights to configure a DDP Server. See user.
<b>Archive queue</b>	A virtual queue of jobs rasterized for later feedback, merging, and printing.
<b>ASCII</b>	An encoding for text.
<b>Auto select tray</b>	A method to select a paper tray matching the job's requirements, e.g. by page size and finishing options.
<b>Bitmap</b>	Image data produced by the RIP for output on the printer, or for preview of forms.
<b>Booklet</b>	Layout of the pages of a document on the printed sheets such that the result can be center folded and then read as a booklet.
<b>Client</b>	A DDP Server configured for load balancing. The client takes over jobs from a master for execution.
<b>Cluster Printing</b>	s. load balancing.
<b>Copy splitting</b>	Dividing a print job into subsets by reducing its copy count, e.g. duplicating a 500 copies job into 2 jobs with 250 copies each.
<b>DDP Server</b>	Printer controller. DDP Server turns a digital printer into a network printer which supports custom queues, archive printing, forms overlay, job merging, and cluster printing.
<b>Delegation</b>	Sending a job to another DDP Server for execution. Delegation aims at reaching a balanced load between all DDP Servers involved. Delegated jobs are tracked such that their history can be displayed at the master.
<b>DHCP</b>	Dynamic Host Configuration Protocol. A network protocol used for assigning IP numbers to network devices (server, workstation, printer).
<b>DNS</b>	See domain name server.
<b>DocuFLOW</b>	s. SOFHA DocuFLOW
<b>Document page</b>	s. page
<b>DocXPLOER</b>	Monitoring and control application for DDP Server. DocXPLOER allows to manage a network of RIPs together with the queues and jobs on them.

<b>Term/Abbreviation</b>	<b>Explanation</b>
<b>Domain name server</b>	A network device mapping network names on IP addresses. A domain name server can also refer to a mail server by providing its MX record.
<b>Download</b>	Sending a job or font to the DDP Server. Download can be performed via drag and drop using SMAP or the DocXPLOER.
<b>dpi</b>	Dots per inch – measuring unit for printer resolution.
<b>Electronic stationery</b>	s. form
<b>EtherTalk</b>	A network protocol used in Macintosh environments for printing and file sharing.
<b>Failed job</b>	A job whose execution raised an error, e.g. paper jam or paper tray mismatch. Failed jobs may be recovered from the Finished queue.
<b>Feedback</b>	Obtaining a bitmap from the DDP Server. Bitmaps are available for jobs rasterized for later printing, and for forms. Bitmaps are available as thumbnails, full screen resolution, or full page resolution.
<b>FIFO</b>	First in first out – the normal processing order of a queue
<b>Finished jobs</b>	A virtual queue showing jobs which have finished execution. Job details are still available for all jobs in this queue. The Finished jobs queue shows only printed or failed jobs. Forms and archive jobs are shown in the Forms or Archive queue, respectively.
<b>Finishing</b>	Post printing operations, e.g. stapling, folding.
<b>Font</b>	Set of typographically designed characters. Typical font types are TrueType and Type 1 (PostScript) fonts. Fonts may be available as screen fonts (for display) and as printer fonts (for high resolution output).
<b>Form</b>	A one page job which can be used to simulate preprinted paper (electronic stationery). Printing a document with a form results in printing the document pages over the form pages. Final prints may select a tray with offset printed paper instead of the form.
<b>Forms queue</b>	A virtual queue containing jobs which can be applied as PS overlay to other jobs.
<b>Gateway</b>	s. router
<b>Hold queue</b>	A queue with jobs stored for later submission to a print queue.
<b>HTTP</b>	Hypertext transfer protocol. A network protocol used for communicating linked pages in local networks and the internet. HTTP is provided by the web server on the DDP Server.
<b>Imposition</b>	Instructions on how the pages of a job are laid out on the printed sheets, e.g. duplex or booklet.
<b>IP</b>	Internet protocol. The lower layer of the TCP/IP protocol.
<b>IP number</b>	A unique number used to identify a network device (e.g. server, workstation, printer) in a network. An IP number consists of 4 integers between 0 and 255 (eight bits), e.g. 128.3.3.21. IP numbers may be valid world wide or only in the local network.
<b>Job</b>	Document in print ready format plus job ticket.
<b>Job setting</b>	Job ticket attributes defined in a job. Job settings may be set in the printer driver and edited in the job details dialog of the DocXPLOER. Job settings may be overridden by queue settings.
<b>Job size limit</b>	Maximum number of print pages (document pages times copies) allowed for the jobs in a particular print queue.
<b>Job splitting</b>	s. page splitting, copy splitting

<b>Term/Abbreviation</b>	<b>Explanation</b>
<b>Job ticket</b>	Instructions for printer specific handling of a job, e.g. for imposition, forms inclusion, or owner notification.
<b>KB</b>	K-Byte (1024 Bytes).
<b>Limit</b>	s. job size limit
<b>Load Balancing</b>	Using two or more DDP Servers to share print load among several printers. Sharing is achieved by delegation, page splitting and copy splitting.
<b>Log</b>	List of events produced by the execution of a job, e.g. submission, start printing, end printing, errors. Available as finished job data or accounting data.
<b>Lpi</b>	Lines per inch – measuring unit for raster frequency.
<b>Master</b>	A DDP Server configured for load balancing. The master accepts jobs from clients and sends (delegates) them to the clients (including itself) for execution. Typically, in a load balancing configuration, users send jobs only to the master. A DDP Server can be master and client at the same time.
<b>MBS</b>	Memory for bitmap spooling, used to accelerate resuming of paused jobs.
<b>MX record</b>	Mail exchange record provided by a domain name server. The MX record refers to a mail server accepting email for a specific domain.
<b>Name server</b>	See domain name server.
<b>NetBIOS</b>	A network protocol used in Windows environments for printing and file sharing.
<b>Netmask</b>	A 4 number tuple (like an IP number) specifying a subnet for searches and broadcasts. E.g. the netmask 255.255.0.0 specifies the first 16 bit of an IP number as subnet address.
<b>Owner</b>	The person or user account who submitted the job.
<b>Page</b>	<ol style="list-style-type: none"> <li>1. document page (in the application)</li> <li>2. printed page (on paper)</li> </ol> <p>In duplex printing, two pages are printed on (both surfaces of) one sheet. In booklet printing, two document pages are mapped on one printed page, and 4 document pages make up one sheet.</p>
<b>Page description language</b>	Language for expressing document content on a printer instruction level. E.g. PostScript, PDF, PCL.
<b>Page splitting</b>	Dividing a print job into packets by pages, e.g. page 1-10 and 11-20 of a 20 page job. Finishing options like booklet layout or staple mode apply to each packet individually.
<b>PCL</b>	Printer command language. A page description language used for HP printers. PCL5e supports black and white printing, PCL5c supports color printing.
<b>PDF</b>	Portable document format. PDF differs from PostScript by being less device dependent, page independent and easily to view on many platforms.
<b>PDL</b>	s. page description language
<b>PostScript</b>	Page description language (PDL) with a rich feature set for mapping text, graphics and images on raster devices like printers and film recorders.

<b>Term/Abbreviation</b>	<b>Explanation</b>
<b>PPD</b>	PostScript Printer Description. A file on the workstation which specifies printer capabilities and how the printer driver can map them on printer commands.
<b>Print page</b>	s. page, print pages (number of)
<b>Print pages (number of)</b>	Number of document pages times number of copies.
<b>Print queue</b>	A queue with jobs waiting for execution.
<b>Priority</b>	The priority of a queue allows to schedule their jobs for faster or slower execution. Typically used to schedule smaller jobs for faster execution.
<b>ProfiRIP</b>	Printer controller of DDP Server.
<b>Purge</b>	Deleting old jobs to recover database and job space. Purging may be applied to job sources if they are still available, to accounting records, and to job tickets.
<b>Queue</b>	<p>A container for jobs. DDP Server provides print queues and hold queues. The administrator may define any number of print and hold queues.</p> <p>On the user's workstation, queues may be visible as MS Windows printers, or as Macintosh desktop printers.</p>
<b>Queue setting</b>	Job ticket attributes defined in a queue. They may be defined to take priority over job settings, i.e. the attributes of jobs executed in the queue.
<b>Reboot</b>	Restarting and initialising a DDP Server
<b>RIP</b>	Raster image processor. A device for turning instructions in a page description language (PDL) into bitmaps suitable for output on a digital printer. E.g. ProfiRIP
<b>Router</b>	A network device connecting a subnet to other networks.
<b>Sample page</b>	Predefined job in the hold queue showing configuration data on the DDP Server. There are sample pages for settings (Settings page) and for fonts (Fonts page).
<b>Self test page</b>	See sample page.
<b>Sheet</b>	Sheet of printed paper; in duplex printing, two pages are printed on one sheet.
<b>SMTP</b>	Simple mail transfer protocol. SMTP is used by the DDP Server to send email notifications about job execution to the owner.
<b>SOFHA DocuFLOW®</b>	Print on Demand Software for the ProfiRIP. Comprises custom queues, archive printing, forms overlay, job merging, and cluster printing.
<b>Soft form</b>	s. form
<b>Subnet</b>	<ol style="list-style-type: none"> <li>1. A set of IP numbers sharing a number of leading bits</li> <li>2. A segment of a network separated from the rest of the network by a gateway</li> </ol>
<b>TCP/IP</b>	A network protocol used for communication in local area networks and the internet.
<b>Tracking</b>	Collecting the processing history of a delegated job for display at the master.
<b>User</b>	User with simple printing rights on a DDP Server. See administrator.