PRINTSHOP MAIL SUITE

PrintShop Mail
Release Notes

Title	PrintShop Mail - Release Notes
Revision	2010/03/02

Table of contents

1 What's New in PrintShop Mail 7

General

- The new Save for Output function creates a portable archive file containing the .psmd document and all of its support files, including fonts.
- Automatic conversion of Word 2007 documents (.docx; .docm) to PDF.
- Holding down Ctrl+Shift while PrintShop Mail is starting up will allow you to reset application preferences, toolbar configuration, and window positions.
- Added new zoom toolbar buttons. Zoom modes like "Whole Layout", "Layout Width" and "Whole Page" are maintained while you resize the main window. The maximum zoom level has been increased to 800%.
- The new Hand Mode tool allows you to pan around the document (shortcut: hold Space).
- You can now edit object variables by right-clicking an object and selecting the appropriate menu item. Variables linked to Barcode and DirectSmile plug-in objects are listed in the Variables tab.

Printing

- Added support for non-PostScript printers, including PCL printers, Faxes, and the Microsoft Office Document Image Writer.
- The new Adobe PDF technology will output the entire job to PDF (shortcut: Save as PDF in the File menu).
- You can now split jobs on either records or pages. When using repetition, splitting on records ensures that each subjob will consist of a sequential range of records.
- Layout copies can now be collated (1, 2, 1, 2) or uncollated (1, 1, 2, 2).
- The new Print Variable Markers function allows you to print your design, showing variable placeholders instead of the actual data.
- You can change the print technology in the Print dialog, without having to open the Preferences dialog.
- If an image resource stored on a remote server becomes unavailable during a print run, PrintShop Mail will put the job on hold and allow you to Abort, Retry, or Ignore all subsequent errors for the same image.

Automated Printing

- The new FilePrintToFile script command allows you to print to file.
- When using the DatabaseOpen script command, the first table in the database will initially be selected. You can now use the new DatabaseSelectTable script command to select a different table.

Expressions

- The CHANGED function can be used to determine whether the result of an expression has changed since the previous record.

Database

- Improved performance; most noticeable when browsing through the records of a large database.
- Support for Excel 2007 (.xlsx, .xlsb, .xlsm) and Access 2007 (.accdb), without having to use ODBC.
- Support for Visual FoxPro containers (.dbc) and tables (.dbf), without having to use ODBC.
- Support for password-protected and possibly encoded or encrypted Access databases.
- Improved support for XML databases: more helpful error handling, limited support for hierarchical recordsets.
- You are now prompted for a separator and encoding when opening a .txt or .csv file, there is no need to manually configure Schema.ini.
- Database filter: added support for "starts with", "ends with", and "contains", including their negative forms ("does not …").
- You can now search the database using the shortcut Ctrl+F.

- Improved table selection dialog, showing a preview, description (when available), and record count for each table.
- The main table can now be a view or non-parameterized stored procedure.
- The behavior of the table selection dialog has been improved when accessing an SQL Server database. System tables are properly filtered.

Text

- Improved performance in general, most noticeable when verifying or printing, and especially when using Remove Empty Lines.
- More efficient memory usage, no limits on the number of text objects per document.
- Line height should now be WYSIWYG. When aligning a signature image object to a specific line in a text object, you can now rely on the fact that it will still look the same in the print output. [Known issue: this will only work properly when not using Vertical Layout]
- Improved behavior of the Right-to-Left reading order button. It should now work on any system; no prerequisites.
- Copy Fitting optionally keeps lines together instead of performing word wrap.
- TEXT_FILE: Variable markers in external text files are now also processed, as long as the variables are defined elsewhere.
- The new Fonts pane will help determine whether the fonts used in text objects are available on your system, and whether the fonts used in EPS images are either embedded or installed on the printer.
- Snap Frame to Content now also works in combination with Copy Fitting. It will also work for the last text object in a linked chain of objects.
- You can now increase, decrease and reset spacing between characters through shortcut keys Ctrl+Shift+[, Ctrl+Shift+], and Ctrl+Space.
- Text objects are no longer limited to a single non-RGB text color.

Images

- Improved performance when verifying
- Added support for resolution-independent Windows MetaFile images (.wmf).
- In the design view, PrintShop Mail now displays a high-quality rendering of EPS images instead of showing a low-resolution TIFF preview.
- You are now able to select and print different frames in multi-frame TIFF and GIF images.
- PrintShop Mail now imports spot colors embedded in PDF files.
- After importing a Word document in PrintShop Mail, the layout object will automatically be updated if the original Word document is modified.

2 Barcode plug-in

Requirements

- This version of the Barcode plug-in is compatible with PrintShop Mail version 6.1 for Windows, but version 7 is recommended. It is not supported by older versions of PrintShop Mail.
- The plug-in requires a hardware dongle with an OL Care date of at least June 2009; otherwise the print output will include a watermark.

What's new in 2.0.3

[Released: January 2010]

- USPS Postnet 5, 6, 9, 10, 11 and 12 variants have been replaced by one barcode type called USPS Postnet. The plug-in will use the appropriate Postnet variant based on the input data length.
- Any hyphens will automatically be stripped from the USPS Postnet input data.
- The recommended module width of USPS Postnet has been set to the range between 0.381 and 0.635 mm.
- Japanese Postal now accepts Japanese addresses as input data. The plug-in will extract the relevant information.
- Double-clicking a barcode plug-in object will now edit the associated expression.
- The plug-in now exposes a property called Font Size that controls the size of the human readable text.
- Korean translation.
- [PrintShop Mail 7 only] The expression of a barcode plug-in object can now be viewed and edited through the Variables pane.
- [PrintShop Mail 7 only] Snap Frame to Content is supported and set to Yes by default.

What's new in 2.0.2

[Released: June 2009]

Over 80 new barcodes are added. Below an overview of the supported barcodes:

Linear Bar Codes (1D)

Codabar 2 Widths	Codabar (2 Width), Codabar2
Code11	Code 11, Code-11
Code 2OF5 Data Logic	Code 2 of 5 Data Logic Version
Code 2OF5 IATA	Code 2 of 5 IATA Version (International Air Transport Association)
Code 2OF5 Industry	Code 2 of 5 Industry Version
Code 2OF5 Interleaved	Code 2 of 5 Interleaved (alias ITF or Code 2/5 IL),
Code 2OF5 Matrix	Code 2 of 5 Matrix (alias 2of5 Standard)
Code 2OF5 Standard	Code 2 of 5 (identical with Code 2 of 5 Matrix)
Code 39	Code 3 of 9 alias Code-39
Code 39 Full ASCII	Code 3 of 9 Extended Version (ASCII)
Code 93	Code 93
Code 93 Full ASCII	Code 93 Extended Version (ASCII)
Code128	Code-128 all sub sets and Compressed Mode
Code128A	Code 128 Subset A
Code128B	Code 128 Subset B
Code128C	Code 128 Subset C
EAN13	EAN-13 (also JAN or IAN),
EAN13 P2	EAN-13 (also JAN or IAN) with 2 digit add-on
EAN13 P5	EAN-13 (also JAN or IAN) with 5 digit add-on
EAN14	EAN-14 (GTIN coded with EAN-128 symbology)
EAN8	EAN-8 (also JAN or IAN)
EAN8P2	EAN-8 (also JAN or IAN) with 2 digit add-on
EAN8P5	EAN-8 (also JAN or IAN) with 5 digit add-on
EAN128	EAN-128 alias UCC-128 alias GS1-128
Flattermarken	Flattermarken
GS1-128	GS1-128, identical to EAN-128 / UCC-128

GS1-DataBar	GS1-DataBar Symbologies: all variants of GS1 DataBar are supported (GS1 DataBar is based upon RSS)
ISBN	ISBN
ITF-14	ITF14, Code 2of 5 Interleaved (14 digits)
LOGMARS	DOD Logmars, Department of Defense Logmars
MSI	MSI Barcode variants with different check digits
NVE-18	NVE 18 (Nummer der Versandeinheit)
Pharmacode One-Track	Pharmacode One Track (1 Track)
Pharmacode Two-Track	Pharmacode Two Track (2 Track)
PLANET 12 Digit	Planet Code 12 digits (Postal Alpha Numeric Encoding Technique)
PLANET 14 Digit	Planet Code 14 digits
Plessey	Plessey Code Unidirectional
Plessey Bidirectional	Plessey Code Bidirectional
PZN	Pharma Zentralnummer (Deutschland)
RSS Expanded	EAN/UCC RSS Expanded (Reduced Space Symbology)
RSS Limited	EAN/UCC RSS Limited (Reduced Space Symbology)
RSS-14	EAN/UCC RSS14 (Reduced Space Symbology)
RSS-14 Truncated	EAN/UCC RSS14 Truncated (Reduced Space Symbology)
RSS-14 Limited	EAN UCC RSS14 Limited (Reduced Space Symbology)
GS1 DataBar Expanded	GS1 DataBar Expanded (Reduced Space Symbology)
GS1 DataBar	GS1 DataBar / RSS14 (Reduced Space Symbology)
GS1 DataBar Truncated	GS1 DataBar Truncated (Reduced Space Symbology)
GS1 DataBar Limited	GS1 DataBar Limited (Reduced Space Symbology)
SSCC-18	SSCC 18 Shipping Container Code
Telepen	Telepen
Telepen Alpha	Telepen Alphanumerisch
UCC/EAN-128	UCC/EAN 128
UCC-128	UCC 128
UPC12 / UPCA	UPC 12 (alias UPC-A),
UPC-A	UPC A (alias UPC-12),

UPC-A P2	UPC Version A with 2 digit add-on
UPC-A P5	UPC Version A with 5 digit add-on
UPC-E	UPC Version E
UPC-E P2	UPC Version E with 2 digit add-on
UPC-E P5	UPC Version E with 5 digit add-on
UPCSCC	UPC Shipping Container Code (refer to ITF14, SCC-14)

Postal Codes (1D)

Australian Post Custom	Australian Post Standard Customer, Customer2, Customer 3
Australian Post Redirect	Australian Post Redirection
Australian Post Reply Paid	Australian Post Reply Paid
Australian Post Routing	Australian Post Reply Routing
DPD Code	German Parcel Service Label Code
DP Identcode	Deutsche Post Identcode
DP Leitcode	Deutsche Post Leitcode
Japanese Postal	Japanese Postal Barcode
Italian Postal	Italian Postal Code (based on 2of5 IL)
KIX	Dutch Postal Barcode
Korean Postal Authority	Korean Postal Barcode
RoyalMail 4State (RM4SCC)	Royal Mail 4 State Barcode (RM4SCC)
USPS OneCode (4-CB)	USPS OneCode (4-CB) alias USPS 4-State Customer Barcode
USPS PostNet5	USPS PostNet ZIP (5 digits) with check digit computation
USPS PostNet6	USPS PostNet ZIP+CD (6 digits)
USPS PostNet9	USPS PostNet ZIP+4 (9 digits) with check digit computation
USPS PostNet10	USPS PostNet ZIP+4+CD (10 digits)
USPS PostNet11	USPS PostNet ZIP+4+2 (11 digits) with check digit computation
USPS PostNet12	USPS PostNet ZIP+4+2+CD (12 digits)

Two Dimensional Codes (2D)

Codablock-F	CodablockF (Stacked Code128), used by HIBC
Data Matrix	Data Matrix (ECC200 standard with error correction), Auto Compaction
MaxiCode	Maxi Code (used by UPS®)
MicroPDF417	Micro PDF-417, MicroPDF
PDF417	PDF-417 (all encodation modes with auto compaction)
PDF417 Truncated	PDF-417 Truncated Version
QR-Code	QRCode (Quick Response Code) (mostly used in Asia)
Aztec Code	Aztec Code
RSS-14 Stacked	EAN/UCC RSS14 Stacked
RSS-14 Stacked Omnidir	EAN/UCC RSS14 Stacked Omnidirectional
RSS Expanded Stacked	EAN/UCC RSS Expanded Stacked
GS1 DataBar Stacked	GS1 DataBar Stacked
GS1 DataBar Stacked Omnidir	GS1 DataBar Stacked Omnidirectional
GS1 DataBar Expanded Stacked	GS1 DataBar Expanded Stacked

EAN-UCC Composite Variants (2D)

RSS-14	Composite Component CC-A / CC-B
RSS-14 Stacked	Composite Component CC-A / CC-B
RSS-14 Stacked Omnidirectional	Composite Component CC-A / CC-B
RSS Limited	Composite Component CC-A / CC-B
RSS Expanded	Composite Component CC-A / CC-B
RSS Expanded Stacked	Composite Component CC-A / CC-B
EAN 13	Composite Component CC-A / CC-B
EAN 8	Composite Component CC-A / CC-B
UPC A	Composite Component CC-A / CC-B
UPC E	Composite Component CC-A / CC-B
UCC/EAN128	Composite Component CC-A / CC-B / CC-C

GS1 DataBar Composite Variants (2D)

GS1 DataBar	Composite Component CC-A / CC-B
GS1 DataBar Stacked	Composite Component CC-A / CC-B
GS1 DataBar Stacked Omnidirectional	Composite Component CC-A / CC-B
GS1 DataBar Limited	Composite Component CC-A / CC-B
GS1 DataBar Expanded	Composite Component CC-A / CC-B
GS1 DataBar Expanded Stacked	Composite Component CC-A / CC-B

Related Symbologies

Related Symbologies	With the listed symbologies you can generate also the following variants: USS Code 39, AIAG, HIBC, USS Code 128, UCC-128, ISBT-128, SCC-14, JAN, Bookland, ISSN, USS ITF 2-5, I-2/5, ITF-14, SSC-14, DUN14, USPS, DOD Logmars (Department of Defense Logmars), UPC SCS (UPC Serial Shipping Symbol).

Reporting issues

Your reports of any unexpected behavior are highly appreciated; please refer the online Help (press F1 in PrintShop Mail) for contact info.

3 DirectSmile plug-in

Requirements
- This version of the DirectSmile plug-in is compatible with PrintShop Mail version 6.1 for Windows, but version 7 is recommended. It is not supported by older versions of PrintShop Mail.
- The plug-in requires a hardware dongle with an OL Care date of at least May 2008; otherwise the print output will include a watermark.

What's new in 2.0.4

[Released: January 2010]

- You can now select multiple DirectSmile objects and change all host addresses, ports, and image sets simultaneously.
- Added support for background images saved in the TIFF image format.
- Korean translation.
- [PrintShop Mail 7 only] The text layer expressions of all DirectSmile plug-in objects can now be viewed and edited through the Variables pane.

Recommendations
- This version of the DirectSmile plug-in is compatible with PSM version 6.1, but version 7.0 is recommended. It is not supported by older versions of PSM.
- The plug-in has been tested with DirectSmile Generator 3.50 revision 129.
- Enabling 'split job' in the print dialog can significantly improve print performance.
- When using a PostScript driver and any print technology other than Creo VPS, you will get the best possible performance by configuring the driver for 'Optimize for Speed' instead of 'Portability'.

Known issues
- [PrintShop Mail 6.1 only] Rotated DirectSmile objects will get an incorrect offset when using the print technology Creo VPS.
- [PrintShop Mail 7 only] DirectSmile requires a PostScript driver; other driver types are not supported.
- Background image resolution (DPI) must be specified as an integer; a floating point value can cause small gaps to appear between the background layer and the foreground image slices.
- Network traffic between PrintShop Mail and the DirectSmile server will affect print spooling performance. Depending on the complexity of your document and on your system- and network configuration, spooling speed should on average be around 60-75 pages per minute.
- If no DirectSmile dongle is attached to the DirectSmile server, on the printout the DirectSmile watermark will be drawn on top of the personalized text, but not on the background. This is not WYSIWYG; the previews in PrintShop Mail do show the DirectSmile watermark on the background.

Reporting issues

Your reports of any unexpected behavior are highly appreciated; please refer the online Help (press F1 in PrintShop Mail) for contact info.

4 System Requirements

Supported Operating Systems
- Microsoft Windows 2000 (32-bit)
- Microsoft Windows XP Professional (32-bit and 64 bit)
- Microsoft Windows Vista (32-bit and 64 bit)
- Microsoft Windows 2003 Server (32-bit and 64 bit)
- Microsoft Windows 2008 Server (32-bit and 64 bit)

PrintShop Mail Windows®:
- Pentium 4, 1GHz or higher
- 1GB of RAM
- 120 MB of hard disk space
- SVGA monitor resolution 800 x 600 High Color (16-bit)
- Windows 2000, XP, 2003 Server, 2008 Server, Vista
- CD-ROM drive

PrintShop Mail for Windows requires the following system components to be installed on your computer prior to installing the product:

- Microsoft .Net Framework
    - Version 2.0 SP1 (on Windows 2000, XP and 2003 Server)
    - Version 3.5 SP1 (on Windows Vista and 2008 Server)
- MSXML 4.0 SP2 Parser and SDK
- VCRedist (Visual C++ 2008 vanilla)
- Access Database Engine

The PrintShop Mail Suite setup will automatically check these requirements, missing third party software packages will be downloaded from the internet and installed (but of course, not without your permission). The mentioned components can also be downloaded and installed manually. Installers for these packages can be downloaded from the Microsoft web site.

PrintShop Mail Macintosh®:
- Power PC® G4, 1GHz
- MacOSX 10.4.11 or higher
- 1GB of RAM
- 50 MB of available hard-disk space
- 1,024 x 768 screen resolution
- CD-ROM drive

5 Version notes

The following sections describe the problems resolved in PrintShop Mail as well as important recommendations.

5.1 Known issues

The following are known issues:

- **"Compatibility issues found" message**

  Symptoms:
  When publish to web or print to web functions are used a compatibility warning is shown even though the PSM version to create the document and the PSW version matches.
  Workaround:
  Stop and restart the PrintShop Server service

- **Alternate color representation of a spot color is slightly different**

  Symptoms:
  SpotColor alternate-color might deviate slightly from the same (non-spot) color specified to a document element (fill color, border).
  Workaround:
  If the exact alternate color is required, use that directly instead of using a spot-color.

  Note: Print output for printers that have the spotcolor available is correct, no action needed.

- **Spot color alternate color in output stream is LAB**

  Symptoms:
  The colormodel for the alternate color for a spotcolor is in LAB colormodel in the output.
  Workaround:
  If the alternate color is required to be in a specific model (CMYK;RGB or Gray) then use that color directly.
  Note: Print output for printers that have the spotcolor available is correct, no action needed.

- **Not all printers installed on the PrintShop Web server are shown**

  Symptoms:
  When printing to PrintShop Web the list of printers may not be up to date after installing a new printer on the PrintShop Web Server
  Workaround:
  Restart the PrintShop Server service after installing a new printer on the PrintShop Web server.

- **Page numbers per page is not supported when using repetition.**

  Limitation:
  It is only possible to place an object on a layout and not on the whole page.
  Workaround:
  -

- **On Windows 2000 the 'Vertical-Layout' feature is not supported**

  Symptoms:
  When opening documents, on this platform, containing objects with Vertical Layout set to 'Yes', this setting will be changed to 'No' without warning.
  Workaround:
  Use PrintShop mail on a machine with a different Operating System installed.

- **The first line of a linked text object is incorrectly indented**

  Symptoms:

In linked text objects, if a paragraph spans multiple text boxes, its First Line Indent setting will be applied to the first line of each of those objects.
Workaround:
-

- **Can't use Excel 2007 (.xlsx, .xlsb, .xlsm) or Access 2007 (.accdb) databases on Windows 2000**

Limitation:
Office 2007 is not supported on Windows 2000.
Workaround:
Convert the databases on a machine with Office 2007 installed to Excel 2003 format or run PrintShop Mail on a machine with another Operating System installed.

- **DirectSmile images are being output with a watermark**

Symptoms:
The printed output shows low resolution DirectSmile images with a "Preview" watermark.
Workaround:
The DirectSmile plug-in requires a PostScript printer. Either print using a PostScript printer or save the output as a PDF and print the PDF via Acrobat Reader.

5.2 Patch notes

PSM Suite 7.0.1

PrintShop Mail specific:

- It should now be possible to install PSM Suite on any non-English OS.
- Installer: plug-ins are now always installed, they are no longer optional.
- Copy-pasting objects would sometimes cause data fields to remain visible in the Data Fields pane even when they are no longer in use. This bug has been fixed.
- Opening a database through ODBC should no longer produce an error.
- After opening a document by double-clicking a psmd file, lines in text objects would sometimes appear to wrap incorrectly. This update problem has been fixed.
- If a column in a CSV or Excel database contains mixed types, its field type in PSM will now correctly be set to Text.
- Selecting or right-clicking an object would sometimes add that object to the current range of selected objects. This bug has been fixed.
- The Save as PDF menu item is now disabled if no document is open.
- Formatting of variables: the Email category is no longer reset to Text after saving and loading a document.
- The Credits dialog now correctly displays the installed features on network dongles.
- After placing certain EPS images on a layout, their orientation in the design view would be incorrect. This bug has been fixed.
- The Update Request menu item now redirects to the Voucher page when an empty dongle is attached.
- Improved error handling when PSM cannot establish a connection to PSM Web. After testing the connection you should now get error details.
- PSM is now more robust when it comes to misbehaving macros.

PrintShop Mail Web specific:

- In the export of completed orders there now is a field with the department code.
- The helo command of SMTP e-mail server will now contain the domain that was used to visit the site. Some SMTP servers require the domain name in the helo command to be a valid domain.
- German zip code validation on the shipping options page will now accept all numbers as the first character.
- Several security issues are fixed.
- Republishing documents doesn't fail when the fonts on the server are in use.
- When republishing a document with different field types (database -> user input) the field types are correctly handled.
- Job names in the print queue will now use the <template-id>-<order-id>.psmd format.
- Thumbnail for PSM documents with text overflow is now correctly displayed.
- Softproof will now properly use the selected job option file.
- Special characters in variable field names are handled correctly.
- On the license page the voucher button is now enabled when you have an empty dongle.
- The user input form fields will now get validated when the user generates a preview.
- License information is more accurate.
- If a column in an uploaded CSV database contains mixed types, its field type in PSMW will now correctly be set to Text.
- User input default department contact will now display the correct name.
- E-mail template fallback locations are working properly.
- Alternative store fronts work with public companies.
- Downloading a template zip file on the template properties page will now give a valid zip file when using Internet Explorer.
- You can now add companies if you haven't got the B2C license option.
- Republishing a template will not reset the user input field types in PSMW.

- Installing payment modules will work correctly if you have installed PSMW on a different drive than the windows installation is.
- The company name of a public user will now be used in the checkout and in the order manager.
- Upgrading from PSW 2.x with a custom skin set as default will no longer result in a white screen after first run. Custom skins are copied to PSMW 7 but a warning is shown if the default skin is a custom skin and the default skin is reset to keep the site working.

5.3 Recommendations

- Multi-user version: for PrintShop Mail 6.x-net, License Manager 2.0.7 (or later) is required. This version of PrintShop Mail License Manager can be freely downloaded from our website (download page). Please consult the on-line Help of PrintShop Mail License Manager for more info about it

- Opening documents made in PrintShop Mail 4: as 'Regional Settings' can be set per variable object in PrintShop Mail 5 and higher, it is advised to verify and adjust f.i. the DATE format settings for the variable objects in that document.

- #13862 Batch files (.bat) for Automated Printing must be saved in ANSI encoding#11761 (also on double-byte systems).

PRINTSHOP MAIL SUITE