Questionnaire regarding IBS (Barcode part) and BOP

Remarks: 1. If anything is unclear, please contact info@stethos.com

              2. If you need to print with IBS more than just barcodes, link Epson, Proprinter, Prescribe emulation or forms management etc. then please fill out the ELP Questionnaire.

1. Print environment:

Information about print server

- There is no in-house print server or it is not allowed to install any software on the existing print server. Please use the AP-ELP appliance which works as Linux based stand alone print box.

- There is an in-house print server with this operating system:

Windows (multiple selections possible):

❏ Server 2008 or later,   ❏ Cluster Server 2008 or later,

❏ Workstation Vista or later,   ❏ Citrix or WTS

None-Windows:

❏ Linux,   ❏ Solaris,

❏ HP-UX,   ❏ AIX,

❏ True64,   ❏ VMS,

❏ AS/400,   ❏ Other: _____

If the client spools via MS Windows: Is the job generated by an windows application using the windows driver in the queue (for example Word, Excel, Navision, Crystal Reports etc.) or is the data stream generated by the application itself (for example printing via SAP Device Types.).

❏ Uses the Windows driver for rasterizing and spooling

❏ Uses the Windows driver only for spooling

From which application/ERP is printed?

❏ MS Word

❏ Other MS Windows based software, as MS Office, Access, Crystal Reports etc.

❏ Windows based ERP System

❏ SAP or Baan with direct printing

❏ Other system: _____

Printing in which printer language?

❏ The application supports PCL5e and/or PCL5c (HP LaserJet Emulation) or ASCII which is usually the case for Windows based systems.

  ❏ Data stream (not forms) is black and white (PCL 5e)

  ❏ Data stream (not forms) is color (PCL 5c)

❏ If this is not the case - is the data stream is based on this language: Prescribe/PCL 5, 100% pure Prescribe, PPDS (Proprinter), Printronix PGL & VGL, Epson, Philips, PDF, TIFF, CALS

Which MFP- / printer models are used: _____

_____

How many queues- / printer licenses are needed?

What is the timeframe for implementation?

2. Presales questions about which product is needed:

Here is just a small guide line how to find out which product is needed:

The client is already printing barcodes on non Ricoh devices. We must be compatible.

Our competition is HP with a JetMobile BarDIMM build in (Part numbers: BDP.., HG271FS, HG271US, JM30200, JM30100x, Lexmark e.g. 44101726)	IBS
HP Barcodes & More (the first HP barcode solution ever) HP part number: HG281xx	BOP HDD IBS
HP Scalable Barcode font (US mainly)	IBS 1.19
HP sos8026 (Europe mainly)	IBS 1.19
OCR A for check and/or OCR B for address printing	BOP or IBS
MICR printing	IBS 1.19
Kyocera Prescribe	IBS
Emulation with bar codes: Epson, Proprinter, PSi, Cobra Box, Brother, some Canon fonts, Printronix PGL and VGL	IBS
2D Barcodes are printed: Pad 417, Data matrix, QR Code; UPS Maxi code	IBS

None of the products above really fit. What can I do next (Following items are NOT prioritized sorted, take the best one fit for your client):

a) Try to get a PCL font print from the devices already printing bar codes fine and send it to support@stethos.com. On HP devices append in addition the first printed page of the internal configuration pages.

b) If you have a Ricoh device which is IBS 1.19 capable, then install it using the stethos IBS Control Center and activate the Quick Set: BarcodeAnalyze_mode_1.

c) There are several options for capturing print data:
   - Use the Ricoh Card Save function within the device.
   - IBS Control Center in conjunction with IBS in the device.
   - Server based capturing is explained here.
   - Use a network sniffer like Wireshark.

   If you have the print data you can check them yourself or send them to stethos:
   Search the stream for:
   Esc(0Y -> IBS   s24###T -> IBS   s9###T -> BOP

Summary

Product overview, Bar code (BC) specific

stethos®

	BOP Dimm	BOP SD	BOP HDD	IBS	ELP	AP-ELP Box small big
Price	☺	☺	☺☺	fair	☺ to ☺☺☺	☺ ☺☺5*
HP US BC fonts	-	-	☺	V9.51	Since 2011	Since 2011
sos8026 supp.	-	-	?	V9.51	Since 2011	Since 2011
BC Check sum	1*	1*	1*	auto	auto	auto
x-y scaling	1*	1*	1*	easy	easy	easy
Data check	-	-	-	yes	yes	yes
Installation	plug&play	plug&play	copy&play	IBS CC	Install&license	install&play
Support	Ricoh	Ricoh	2*	Ricoh / stethos	PCL 5 printer	PCL 5 printer
Emulations	-	-	-	3*	4*	4*
Additional ELP functionality	-	-	-	Yes ☺	Yes ☺☺☺	Yes ☺

1* If needed must be done by client application or with SAP ABAP solution
2* As softfont in printer memory all manufacturers, HP also on harddisk
3* Depends on the version: Postscript, Oki, Kyocera Prescribe, VGL, PGL, Brother, HP, Cobra box, Printronix.
4* All listed under 3*
5* Supports up to 54 printers

The client is new for bar coding

The usual used types of barcodes:

Bar code type	Coding	Benefits	Disadvantages	Product
Code 3of9 Code 39	AB..YZ, 01-89, Space + - /	Easy to use, like a font	Needs space	BOP or IBS
2of5 interleaved	01..89	Needs very view space	Hard to use with BOP	IBS
Codes 128	Fully ASCII from Hex 0 to ASCII 127	All ASCII characters upper and lower case, needs very view space.	Hard to use with BOP	IBS
2D bar codes	Usually full ASCII 0 to 25	Save reading with ECC levels	Needs expensive reader	IBS

Communication

Client: Dealer

Company Name: _____   _____

Person:_____   _____

Phone: _____   _____

Email: _____   _____

stethos ensures that all provided information, data streams etc. are treated 100% confidential.

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