

MHP (Multi-Host Printing) Solution

Print Customized Forms and Business Documents *Without* Modifying Host Environments

In IBM host printer environments, companies are traditionally forced to choose between two output options. They can choose printers and servers equipped to support the graphics-rich IPDS data stream, or they can opt for the more affordable and significantly more pervasive SCS data stream. With its ability to support formatted text, barcodes, logos, images and other graphics, IPDS is ideal for printing invoices, checks, statements, inventory tracking paperwork and more, but this technology comes at a significant premium in both the IBM server and printer hardware. SCS, on the other hand, is standard on many IBM host servers, including the popular iSeries mid-range servers, and is readily available through a wide range of more affordable printing solutions. However, this text-based data stream is generally only suitable for printing “green bar” reports and other limited text-based documents.

But what if there was a way to combine the power of graphics-rich documents with the pervasiveness of the SCS data stream? Better still, how about if one could output such documents on widely available and highly cost-effective HP LaserJet Printers and HP LaserJet MFP’s (Multi-Function Printers)? Capella Technologies provides such a valuable printing solution to IBM host environments.

Easily Print IPDS and Enhanced SCS to the Same Printer, No External Box needed

MHP is a in-printer solution that gives HP LaserJet printers and MFPs the ability to automatically process IPDS and SCS data streams and convert SCS data streams to “enhanced” SCS data streams. These enhanced SCS documents can contain formatted text, barcodes, logos, images . . . everything one needs to output checks, invoices, statements, estimates and other graphically oriented business documents. In short, enhanced SCS documents provide a viable alternative to IPDS without the need for IPDS equipped server hardware.

Customize Forms and Business Documents Without Modifying Host Applications

MHP includes Capella Technologies, FormPort Flash (FPF) is a document formatting solution that gives users the ability to automatically convert raw data streams into professional, graphics-rich forms, without modifying host applications.

The MHP includes non-volatile printer resident storage. The memory is used to store optional pre-formatted document templates, within the printer. These templates position the text fields output by enterprise applications and format it in a variety of fonts and sizes. Templates can also include photos, logos and other graphics, providing a completely customizable document formatting solution. For organizations that rely upon numerous forms with substantial graphics, MHP can also utilize the printer’s internal hard drive, if one is available.

Automatic Formatting Capabilities

To take advantage of the formatting features of the MHP, network users can simply direct their existing SCS application to print to the MHP equipped printer. It’s that simple!

The document creation component (FPF) will then scan the incoming data stream. After examining the data in user defined fields, FPF will then automatically select the correct form template and launch the print job. No user intervention or special commands are required. Print jobs from applications that do not require the document creation and formatting capabilities will simply output as usual.

Custom Documents are Easy To Implement

The configurator module gives network administrators the ability to control the conditions under which a form or job is processed after it is launched. Using the printer’s internal web page and a sample data stream from the enterprise application, an administrator can indicate the line number, column and character string that will trigger each type of job.

Using Capella Technologies optional FormPort Designer software makes designing form templates for the MHP similarly straightforward. This PC-based, windows application provides a simple, WYSIWYG interface, giving users the ability to add text, lines, logos and even photos to form templates. It supports multiple fonts, including MICR fonts and bar-coding. For users that do not have the resources necessary or interest to produce their own forms template, Capella Technologies provides a form creation service.

Summary

By adding forms creation capabilities to the SCS data stream, Capella Technologies offers IBM host users printing capabilities that are unrivaled by traditional solutions. Combined with HP printing hardware, this solution offers an unbeatable value proposition for any organization that wishes to produce graphics-rich business documents from IBM server hardware.

About Capella Technologies

Capella Technologies offers state-of-the-art Document Output Management & Job Accounting products that enable companies to format, print, monitor, allocate, archive, distribute and secure critical business documents the most cost-effective way possible.

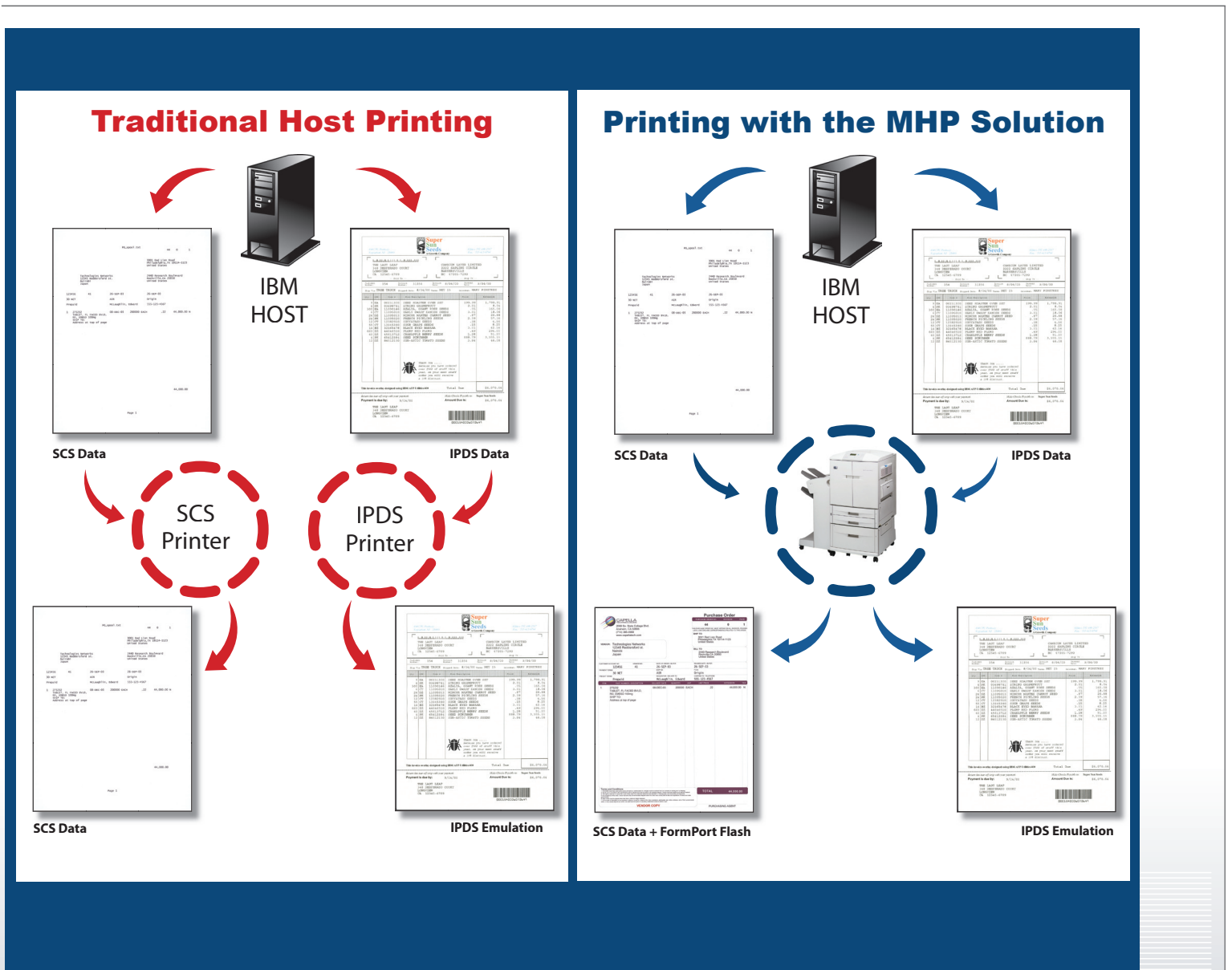
With our 25+ years of industry experience, our long-standing relationship with Hewlett Packard, and our extensive expertise

in legacy/ERP system integration, we can help your company to:

- Streamline printing processes
- Reduce overhead costs
- Enhance document/data security
- Improve document quality and consistency

From sensitive financial reports to confidential HR documents to checks, barcodes, and forms – print, track and distribute it all with the peace of mind of Capella Technologies.

For more information, contact 888 232-4200 or email sales.info@capellatech.com.



Features & Benefits of the MHP Solution

- Use One Printer for SCS, IPDS & Desktop Print Jobs
- Print documents with graphics and color directly from your SCS data stream
- Print SCS and IPDS data streams without the need of external box or secondary network card.
- Customize your business documents
- No changes to legacy application required
- Print multi-part documents on a laser printer
- Go from dot-matrix to laser with ease
- Print laser documents with graphics and color from your host

Print color laser documents

Add Barcodes

Watermarks

RECEIVING DEPT COPY

Vendor: Technologies Networks
12345 Reddersford st.
Nairobi
Japan

Customer Account No.: 123456
Vendor No.: 41
Date of Order / Buyer: 26-SEP-03
Payment Terms: 30 NET
Ship Via: AIR
Freight Terms: Prepaid

Ship To: 3001 Red Lion Road
Philadelphia, TX 19114-1123
United States

Bill To: 2440 Research Boulevard
Rockville, CA 20850
United States

Revised Date / Buyer: 26-SEP-03
F.O.B.: Origin
Requestor / Deliver To: McLaughlin, Edward
Company / Telephone: 555-123-4567

ITEM	PART NUMBER / DESCRIPTION	DELIVERY DATE	QUANTITY	UNIT	UNIT PRICE	EXTENSION	TAX
1	275232 TABLET, FL FACED BVLVD, RD, EMBSD 100ring SHIP TO: Address at top of page	08-DEC-03	200000	EACH	.22	44,000.00	N
						TOTAL	44,000.00

Terms and Conditions:
1. All goods and services are provided on an "as is" basis. The vendor shall not be responsible for damages or interruptions of service resulting from the use of the goods and services.
2. The right to amend or cancel any part of the order is reserved. A Party may not cancel or amend any part of the order after the order has been placed and the order has been confirmed by the other party.
3. The responsibility for the goods and services shall remain with the customer until the goods and services have been received and accepted by the customer.
4. All goods and services shall be provided in accordance with the terms and conditions of the contract.
5. All goods and services shall be provided in accordance with the terms and conditions of the contract.
6. All goods and services shall be provided in accordance with the terms and conditions of the contract.

Vendor Copy **Purchasing Agent**

Please attach to Bill of Lading and returning to Purchasing Department

RECEIVING DEPT COPY **RECEIVED BY**
PURCHASING AGENT

Multi-part documents from the same data/print stream

Business Partner





■ Supported Protocols:

- ◆ IBM AS/400, iSeries, eServer i5 or S/390 – zSeries printing:
- ◆ TCP/IP (PPR/PPD)
 - * TN5250e
 - * TN3270e
 - * AnyNet
- ◆ SNA (APPC)

■ Supported IBM SCS Printer Emulations:

- ◆ 3812-1
- ◆ 4214
- ◆ 5224/25/56
- ◆ 3287

■ Supported IBM AFP/IPDS Printer Emulations:

- ◆ 4028 AS1
- ◆ 3812-2
- ◆ 3816-1D/S

Includes 4312/17 font support

■ IPDS Towers:

- ◆ Supports all towers

■ System Requirements:

- ◆ IBM AS/400, iSeries or eServer i5
 - * OS/400 Release 3.1 or higher
 - * PSF/400
- ◆ Mainframe (OS/390 or MVS)
 - * PSF/MVS Version 2.2.0 with APR OW15599
 - * MVS Scheduler with APRA 0212236
 - * TCP/IP Version 3 Release 1 or higher

■ Supported Printers:

- ◆ HP LaserJet 2410, 2420, 2430, 4250, 4350, 9040, 9050
- ◆ HP Color LaserJet 4650, 5550
- ◆ HP Multifunction LaserJet 4345mfp, 9040mfp, 9050mfp, 9500mfp

■ MHP Configuration Options:

- ◆ Printer control panel configuration
- ◆ Configuration file(s) sent to the printer
- ◆ A web browser and the HP LaserJet's embedded web server (EWS)

About Capella Technologies, Inc.

Capella Technologies provides Document Output Management & Job Accounting products which enable companies to format, print, monitor, allocate, archive, distribute and secure business-critical documents in the most cost-effective way possible.

To learn more about Capella Technologies' MHP (Multi-Host Print) Solution or other products, please visit our website at www.capellatech.com or email sales.info@capellatech.com.

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