Software Editions

SBTN3812-SCS2PDF-SPMD – Renew Subscription Every 30-Days. Free.
SBTN3812-SCS2PDF-eFormPrinter - annual subscription $500
SBTN3812-SCS2PDF-eFormServer - annual subscription $3000

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SBTN3812-SCS2PDF-eFormServer

Overview

- Up to 256 Active iSeries Printers.
- Hence, up to 256 active output queues and associated active spool file writers.
- Can connect to up to 256 different iSeries / AS/400 systems using TCP/IP.
### Form Setup

<table>
<thead>
<tr>
<th>Printer</th>
<th>Status</th>
<th>PDF Form Default</th>
<th>PDF Output Folder Default</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Printer Setup

Date | Printer | Message
--- | ------- | --------
<p>| | |
|        |          |</p>
<table>
<thead>
<tr>
<th>Printer</th>
<th>Status</th>
<th>PDFeForm Default</th>
<th>PDF Output Folder Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>INVOICE</td>
<td>Online</td>
<td>Invoice</td>
<td>C:\Invoices\</td>
</tr>
<tr>
<td>STATEMENT</td>
<td>Online</td>
<td>Statement</td>
<td>C:\Statements\</td>
</tr>
<tr>
<td>PURCHORD</td>
<td>Online</td>
<td>PurchaseOrder</td>
<td>C:\PurchaseOrders\</td>
</tr>
</tbody>
</table>

**Date**

**Printer**

**Message**
Quick Start: Setup SBTN3812

Setup: PDFForm Email Index FTP

Setup: iSeries AS/400

Printer Operation
## SBTN3812-SCS2PDF-eFormPrinter

### Typical Setup – iSeries AS/400 Tab

<table>
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<th>Setup: iSeries AS/400</th>
<th>Setup: PDFForm, Email, Index, FTP</th>
<th>Printer Operation</th>
<th>About SBTN3812</th>
</tr>
</thead>
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<tr>
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<td>SBTN3812-SCS2PDF-EFORMPRINTER</td>
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</tr>
<tr>
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<td>Select, Create New or Delete a Profile</td>
<td></td>
<td></td>
</tr>
<tr>
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<td>ACME LAUNDRY</td>
<td></td>
<td></td>
</tr>
<tr>
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<td>10.1.1.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Printer Name:</td>
<td>PRTPDF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Message Queue:</td>
<td>JAMES</td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<td>Multilingual/Default</td>
<td></td>
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<td></td>
</tr>
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</table>

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SBTN3812-SCS2PDF-eFormPrinter
Typical Setup – PDFForm, Email Tab
SBTN3812-SCS2PDF-eFormPrinter

Major Features

- Print to IBM 3812-1 Virtual Printer
- Transform Spool File to PDF Document
- Split, Segment Spool File
- Merge variable line data with Electronic Form Overlay Graphics
- Dynamically generate Name of PDF Document using line data
- Embed Web Hyper Link
- Email PDF Document
- FTP PDF Document
- Index PDF Document
- Print to Windows default printer.
- No program changes
- No application re-engineering
- You do not require Infoprint Designer, Infoprint Server or PSF/400 to implement eDocument for eBusiness.
Print to IBM 3812-1 Virtual Printer : PDF Virtual Printer

- **SBTN3812** is IBM iSeries, AS/400 TCP/IP printer client.
- It creates virtual printer with "IBM-3812-1" SCS (SNA Character Stream) device attributes and starts a printer writer and output queue.

Transform Spool File to PDF Document

- As you “**print**” to PDF Virtual Printer SBTN3812-SCS2PDF, spool files are transformed to Acrobat PDF documents in real time.
- SBTN3812-SCS2PDF creates text-based, non-image ASCII PDF documents.
- **PDF documents created are written to local disk drive.**
- These PDF documents are e-mail, web and FTP ready.
Suggestions for Quick Setup of SBTN3812
To start transforming iSeries Spool Files to PDF within 5 minutes of installing this software.

• Make sure that your Windows MFC42.DLL file size is 973KB.
  Launch Windows Explorer and search for MFC42.DLL
  Note file size of MFC42.DLL. In very rare cases, if Windows operating system has not been updated with latest service packs in last five years, then MFC42.DLL may be less than 973 KB, please replace it with a MFC42.DLL that is 973KB. Look around on other PCs. You are bound to find one PC that has 973 KB MFC42.DLL.

• Find out IBM iSeries TCP/IP Address
  Using iSeries Display Session, from any OS/400 command line, enter the Configure TCP/IP (CFGTCP).
  Follow instructions, determine Telnet Host TCP/IP Address to which this client will connect. It is in the form nnn.nnn.nnn.nnn
  Example: 10.1.1.1

• Automatically configure virtual devices
  You can enable the iSeries Telnet server to automatically configure your virtual devices and using the QAUTOVRT Devices System Values in iSeries Navigator.
  When automatically configuring virtual devices with Telnet, the Telnet server does not delete virtual devices and does not delete the devices when the session closes.
  If the devices already exist on the virtual controller, the Telnet server can use them.
  QAUTOVRT - By default, this is set to 0 to prevent automatic virtual device creation. You need to change this value. For example, to allow up to 50 virtual devices, you issue the command:
  CHGSYSVAL SYSVAL(QAUTOVRT) VALUE(50)
  The QTCP user profile must have authority to user-created virtual devices. If it doesn't, the iSeries server cannot create virtual devices--a user trying to create one will receive error message.

• Find out Email Server Fully Qualified DNS Name or TCP/IP Address.
  Example:  Fully Qualified Name: mail.earthlink.net
               Relay.smtp.psi.net
               TCP/IP Address: 10.1.1.5
Quick Setup - Click on “Setup: iSeries, AS/400” Tab
Quick Setup - continue

1. Profile Name
Host session configuration parameters are to be saved in a Profile. You can select easy to remember Profile Name.
Enter profile name.

2. Host IP Address
iSeries, AS/400 Telnet Host IP Address to which this client will connect. It is in the form nnn.nnn.nnn.nnn
Enter Host IP Address.

3. Printer Name
Virtual Printer Device Name.
SBTN3812 requests the iSeries Telnet server a pre-defined specific device by Printer Name. If no pre-defined printer device exists then, on the iSeries, virtual printer device with "IBM-3812-1" SCS (SNA Character Stream) device attributes will be created and a printer writer session will be started.
Enter Printer Name. Suggested Name: PRTPDF

CAUTION: SBTN3812 is a virtual printer. Device Class = *VRT. Attached Controller = QVIRCD0001 (whichever is applicable).

Please DO NOT give it same name as a locally attached printer.
Device Class = *LCL. Attached Controller = CTL01 (whichever is applicable).

4. Message Queue
The name of the message queue to which this printer writer uses to send operational messages to. It is name of the Message Queue in the Library QUSRSYS in your User Profile.
CAUTION: Most users guess this wrong. Hence, please display your user profile and find out the correct message queue name.
Hint: Invariably Message Queue Name is same as User Profile Name.
Enter Message Queue Name.
5. **Message Library**
The name of the library that contains the above message queue.
Hint: Most of the time, message library is **QUSRSYS**
Enter Message Library Name.

6. **Printable Character Set**
Choices are: Multinational (Default), USA / Canada, Austria / Germany, Belgium, Brazil, Canada (French), Denmark / Norway, Finland / Sweden, France, Italy, Japan (English), Portugal, Spain, Spanish-speaking, United Kingdom.
Select your language.

7. Leave Automatic Switching **blank for now**.

8. **Select Folder**
When spool files are released to print to this client, it generates Acrobat PDF output. Generated Acrobat PDF files are written to hard disk in the Selected Folder.
   Hint: Create a new folder **C:\PDFOutput**
   Select PDF output folder.

9. Do not select printing to default printer at this time. Select this after we starting transforming spools to PDF.
10. Do not activate diagnostic hex dumps for now.
11. Once you have entered, selected the correct values, click on **Save** button.
12. Profile Operation Status: Make sure it reads profile saved.
Quick Setup - Click on
Setup: PDFForm, Email, Index, FTP Tab

Setup Name: PDFForm Email Index FTP
Enter: SYSOUT

Leave all other fields BLANK for now.

Click on Save button.
Printer Operation

Click on “Printer Operation”

Click on “Start Printer” button.
SBTN3812 Virtual Printer Online!

In the eSmartClient Status box, you should see following message

I902 : Session successfully started.
<printer name> 3812 SCS Print Client Online
Local IP Address is “nnn.nnn.nnn.nnn”
Sent 12 bytes.

If you do not see above message, there is a problem. You can contact B2BeDocuments for technical support.
• Switch to your IBM 5250 green screen, on command line

WRKCFGSTS

• Type WRKCFGSTS *DEV on command line and press Enter key.

Work with Devices shows a list of devices.
Scroll up or down to the device name = “PRTPDF”
Notice that Device Type = “3812” and Device Status = “Active”

• Type WRKWTR PRTPDF on command line and press Enter key.

Note different attributes.

WRKSPLF, WRKOUTQ, WRKJOB

• Using either WRKSPLF, WRKOUTQ or WRKJOB command move the spool file from another output queue to “PRTPDF” output queue.

• Take option 6 next to the spool file name you want to release to the “PRTPDF” printer writer.

• If spool file does not print,
Selecting option 9 (Work with printing status) from Work with All spooled files display helps you find the reason why a spooled file is not printing.
Type a 9 (Work with printing status) next to the spooled file that is not printing.

The conditions that may be preventing the spooled file from printing are displayed.
Type a 2 (Change status) next to the condition you want to eliminate.

Most common reason spool file does not print immediately is iSeries server issues message to check forms alignment (ALIGN) before they start to print.
Usually you can type in a G reply to a CPA3394 or CPA3395 message.

Spool file should start printing.

• SBTN3812-SCS2PDF processes 65,000-page spooled file in about 15 minutes!
• Launch Windows Explorer. Locate “C:\PDFOutput” folder.
  
  Look for file with name  `sb-yyyymmdd-hhmmss.pdf`

  Where yyyy is year, mm is month, dd is day, hh is hour, mm is minute, ss is second.

  Don’t worry. Yes, we can generate and assign meaningful name to the PDF document.

  Example: Laundry_Invoice_2278_Sacred_Heart_Hospital_9248.pdf

  From here on you can change names, values, and parameters in the setups to meet your iSeries report and document distribution requirements.
Typical PDFForm, Email, Index, FTP Setup
Setup Name :: PDFForm Email index FTP (1.)

You must type in name of the setup even if you do not plan to use any of features on this tab. Please do not leave it blank. Suggested setup in this case is “SYSOUT”

You can relate naming of setup to use of variety of paper forms on a physical printer. Name selected may reflect the type of report being printed to generate PDF document. You need one setup per different type of report. If there are several reports that use same overlay, and have same variable data format then you can use one common setup for these group of reports.

For each new setup you want to add, click on “New” button.
If you want to delete a setup, first select setup from drop down list, and click on “Delete” button.
Always click on “Save” button after making any changes or selecting a different setup from drop down list.
SBTN3812 uses variable data in the OS/400 spool file to split spool file, generate PDF File Name, retrieve email address from Microsoft Access Database, generate index name=value pair(s) to generate Remote File Name.

Location of variable data in a page we want to use to say split spool file must at the same location on each page throughout same spool file e.g. Customer Number, Account Number, Invoice Number etc. Bill To Name, Ship To Name, Invoice Date etc. etc.

Location of variable data on a page is identified by counting down from top - starting with Line 1( Line Number - LN), counting from left to right - starting at column 1(Begin Column - BC) and size - number of characters - of the variable data field ( Number of Columns - NC).

In order to accurately determine LN, BC and NC values, as received by SBTN3812, we provide you with this built in utility that generates ASCII Text page. We can generate ASCII Text (*.txt) page from OS/400 EBCDIC data (sb-yyyymmdd-hhnnss-EBCDICInput.txt) and open ASCII Text file in say Microsoft Word. When you position cursor at the field of interst, you can note the Line Number (LN) and Column Number (BC) values on the status line.

Click on the button to generate Page from OS/400 spool file data.
LN: Line Number
BC: Begin at Column
NC: Number of Columns
PDFeForm Overlay Graphics (2.)

Merge variable line data with Electronic Form Overlay Graphics

Overview
- Enables graphics rich Invoices, Packing Lists, Policies etc.
- Does not require Infoprint Designer, Infoprint Server or PSF/400.

OVERLAY GRAPHICS DESIGNER
- You can use any Windows based graphics designer e.g. Microsoft PowerPoint, Adobe PhotoShop, Adobe Illustrator, XaraX etc. to design the graphical overlay.
- Save / Export the overlay in JPEG file format.
- To generate better-looking PDF document, JPEG image must be saved as 300 DPI, RGB image.
- Please note that Microsoft PowerPoint exports JPEG images only at 96 DPI. You have to decide what is the primary use of PDF document: is it for archival only than you can save graphical overlay JPEG file at low resolution i.e. at 75/96/150 DPI. But if you also want to print the PDF document on a laser or inkjet printer, than JPEG image must be saved at high resolution of 300 DPI.
- JPEG image resolution requirements are dictated by worldwide imaging standards and by Adobe Acrobat specification. It is not limitation of our software.
- SBTN3812-SCS2PDF-PDFeForm uses JPEG images as the overlays.

MERGING
- SBTN3812-SCS2PDF-eFormPrinter automatically merges variable line printer formatted data with the graphical overlay to create beautiful Invoices, Packing Lists, and Policies etc.
JPEG Image

If your PDFeForm is say 8.5 inches wide and 11 inches high, than JPEG image saved at resolution of 300 dots per inch will be 2550 dots wide and 3300 dots high.

<table>
<thead>
<tr>
<th>Dots Per Inch</th>
<th>Width Dots</th>
<th>Height Dots</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 DPI</td>
<td>2550</td>
<td>3300</td>
</tr>
<tr>
<td>150 DPI</td>
<td>1275</td>
<td>1650</td>
</tr>
<tr>
<td>96 DPI</td>
<td>816</td>
<td>1056</td>
</tr>
<tr>
<td>72 DPI</td>
<td>612</td>
<td>792</td>
</tr>
</tbody>
</table>

Although it is not a requirement, we highly recommend that at least one image be Size of the PDFForm.

You can have as many images as you desire on a page; e.g. Company Logo, signature, etc. etc. to build up a professional looking PDF document.

All JPEG images must be saved in PDFOverlay folder
<your folder (e.g. c:\B2BeDocuments)>
\eSmartClient
\SBTN3812-SCS2PDF-eFormPrinter
\ProgramFiles
\PDFOverlay
\CompanyLogo.jpg
\CompanyLogo.spf
\LaundryInvoice.jpg
\LaundryInvoice.spf
Import Overlay Graphics

It is incredibly easy to implement Electronic Form Overlay using SBTN3812-SCS2PDF-eFormPrinter. Once you save the overlay as JPEG image, click on “Import Overlay Graphics” button.

1. Step One.
   Import JPEG Image

Import JPEG Image dialog box is launched.

![Import Overlay Graphics dialog box](image-url)
Click on “Import JPEG Image” button.

“JPEG Image Processing” dialog box is launched.

Type in name of the image.
EXAMPLE: LaundryInvoice
Click on “Select JPEG File” button.
Open File dialog box is launched. Select first overlay image JPEG file.
Example: LaundryInvoice.jpg

Click on “Open” to select the file.
Select SPF File
Click on “Select SPF File” button.

Save As dialog box is launched.

PLEASE NOTE : You must save SPF files in “PDF Overlays” sub folder created for you.
<your folder (e.g. c:\B2BeDocuments)>
\eSmartClient
\SBTN3812-SCS2PDF-eFormPrinter
\ProgramFiles
\PDFOverlay
    \CompanyLogo.jpg
    \CompanyLogo.spf
    \LaundryInvoice.jpg
    \LaundryInvoice.spf
Type in SPF File name.
EXAMPLE: LaundryInvoice.spf

Click on Save button.
JPEG IMAGE POSITION

You can move around a JPEG image in the PDF Document by changing X and Y co-ordinate value.

PDF document’s origin (i.e. X=0 and Y=0) is located at Bottom, Left edge – classical Cartesian co-ordinate system.

Entering X and Y values control PDF document’s overlay image movement. 1 inch = 72 units. Suppose you enter X=72 and Y=72, a JPEG image will shift 1 inch to the right and 1 inch up from bottom left corner of the PDF page.

Enter X and Y co-ordinate where JPEG image’s bottom left corner will be positioned. If image covers entire page PDF Page than co-ordinates will be X=0, Y=0 because PDF document origin is located at Bottom, Left edge.

EXAMPLE: Since LaundryInvoice.jpg image is 2550 dots wide and 3300 dots high. Its bottom left corner should be located at X=0, Y=0.

Click on “Process” button.
When image is processed, above dialog box is launched.

**ADDITIONAL JPEG IMAGES**

Repeat the process for additional images you want to overlay.

**EXAMPLE:** Company Logo is not part of the main overlay. So it is imported separately. Please note that Company Logo image’s bottom, left corner is positioned at X=18 and Y=720. (1 inch = 72 units).

When all images have been imported, click on “Cancel” button.
Now we want to select the SPF Graphic Objects.
Click on “Select SPF Graphics” button.

“SPF Graphic Objects” dialog box is launched.
Click on “Select Front Overlay SPF Graphic Objects” button.

“Open” dialog box is launched. Look in ..PDFOverlay folder where SPF files are saved.
You can select all SPF Graphic Object files by holding down “Ctrl” key and clicking on file names, which are listed in the dialog box.

EXAMPLE: CompanyLogo.spf and LaundryInvoice.spf.

Selection confirmation dialog box is launched.

You can check the selection by clicking on up and down scroll button of the list box.
### PDFeForm Overlay Graphics

<table>
<thead>
<tr>
<th></th>
<th>Import Overlay Graphics</th>
<th>Select SPF Graphics</th>
<th>Clear</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FR</strong></td>
<td>CompanyLogo.spf</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BK</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PDFeForm Overlay Graphics

<table>
<thead>
<tr>
<th></th>
<th>Import Overlay Graphics</th>
<th>Select SPF Graphics</th>
<th>Clear</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FR</strong></td>
<td>LaundryInvoice.spf</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BK</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PDFeForm Variable Data (5.)

VARIABLE LINE DATA
Horizontal Motion Index – HMI or Characters Per Inch
Vertical Motion Index – VMI or Lines Per Inch
Top Offset
Left Offset

Characters Per Inch →
Lines Per Inch →

Text Offset relative to JPEG Image
When variable line data is being merged with JPEG Image overlay, SBTN3812 is in electronic forms mode. In this mode, you have total control over pitch at which Variable Line Data is printed horizontally and vertically.
**Horizontal Motion Index**

HMI = Horizontal Motion Index; 120 units = 1 inch

<table>
<thead>
<tr>
<th>Characters Per Inch</th>
<th>HMI Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>12</td>
</tr>
<tr>
<td>12</td>
<td>10</td>
</tr>
</tbody>
</table>

8

Calculation: (120 units / Characters Per Inch) = HMI Value

**Vertical Motion Index**

VMI = Vertical Motion Index 72 units = 1 inch

<table>
<thead>
<tr>
<th>Lines Per Inch</th>
<th>VMI Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>8</td>
</tr>
</tbody>
</table>

6

Calculation: (72 units / Lines Per Inch) = VMI Value

**Characters Per Inch and Lines Per Inch**

Starting with version 3.8 (11/17/2002) we have introduced List box for Characters Per Inch and Lines Per Inch selection

![5. PDFeForm Variable Data](image)

Characters Per Inch – Selections
5, 6, 8, 10, 12, 13.333, 15, 17.143, 20, 24, 30

Lines Per Inch Selections
4, 6, 8, 9, 12, 18
Variable Data Text Top and Left Offsets

Offset - Top - to move variable data down on the page  
    increase value starting with 0 (zero) i.e. value must be positive  
    72 units = 1 inch

Offset - Left - to move variable data left to right on the page  
    increase value starting with 0 (zero) i.e. value must be positive  
    72 units = 1 inch
PDFeForm Page Size (14)

PDF DOCUMENT PAGE SIZE

In electronic forms mode, i.e. when you merging JPEG image with variable line data, you must select the right page size and orientation.

To select Page Size from the list box, scroll up and down till you see the page size and orientation required by the overlay. Please click inside the box till white background turns blue i.e. it is selected.

Choices are
8.5 inch x 11 inch Portrait
11 inch x 8.5 inch Landscape
8.5 inch x 14 inch Portrait
14 inch x 8.5 inch Landscape
11 inch x 14 inch Portrait
14 inch x 11 inch Landscape
210 mm x 297 mm Portrait A4 (European Size)
297 mm x 210 mm Landscape A4 (European Size)
Spool File Splitter Control (3.)
Split, Segment, Separate Spool File

- **SBTN3812-SCS2PDF** can segment output file into several logical sub-documents or sub-reports. For example, a sales report spooled file can be split, segmented, broken up into separate PDF documents for each region, division or district and electronically distributed – emailed - to the right individual.

- **SBTN3812-SCS2PDF** can segment each spool file based on trigger that compares “character string” which is located in the output line data of current page at Line Number (LN), Begin Column (BC), Number of Columns (NC) with that of the previous page.

**EXAMPLE**

- Let us say Acme Laundry prints large number of invoices every day. They want to logically split up the invoices into individual PDF documents.
- Let us say current Spool file of Invoices may contain, say 100 invoices. Each Invoice has a unique Invoice Number, which is printed, at the same location on each Invoice. This Invoice Number can be used as a trigger to segment, split each Invoice into individual PDF documents.
### ILLUSTRATION

<table>
<thead>
<tr>
<th>Invoice Number</th>
<th>Number of Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>234834</td>
<td>4</td>
</tr>
<tr>
<td>234835</td>
<td>10</td>
</tr>
<tr>
<td>234838</td>
<td>1</td>
</tr>
<tr>
<td>234840</td>
<td>5</td>
</tr>
<tr>
<td>...</td>
<td></td>
</tr>
<tr>
<td>234851</td>
<td>7</td>
</tr>
<tr>
<td>...</td>
<td></td>
</tr>
<tr>
<td>234867</td>
<td>2</td>
</tr>
<tr>
<td>...</td>
<td></td>
</tr>
</tbody>
</table>

When this invoices is split, PDF documents will contain,
for Invoice Number 234834, 4 pages
for Invoice Number 234835, 10 pages
for Invoice Number 234838, 1 page, etc. etc.
EXAMPLE: Splitter Setup

Let us say we want to split the spool file based on Invoice Number, which is located on

- Line Number = 8
- Beginning at Column = 74
- Number of Characters = 6

Result: SBTN3812 retrieves from each page invoice number and compares it with the previous. If it is different, than split the file.

<table>
<thead>
<tr>
<th>Spooled File Page</th>
<th>Invoice Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>234834</td>
</tr>
<tr>
<td>2</td>
<td>234834</td>
</tr>
<tr>
<td>3</td>
<td>234834</td>
</tr>
<tr>
<td>3</td>
<td>234834</td>
</tr>
<tr>
<td>234835</td>
<td>Spool File Split</td>
</tr>
<tr>
<td>6</td>
<td>234835</td>
</tr>
<tr>
<td>7</td>
<td>234835</td>
</tr>
<tr>
<td>8</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

To split up sales reports, you can use Sales District, region number and or name etc. etc. and distribute the report.
4. PDF File Name from Line Data

Name PDF Document

- SBTN3812 can dynamically generate from line data PDF document name and assign it.
- This feature makes it very easy to determine what is a particular PDF document by just looking at its name.
- PDF Document Name Format
  Prefix_Part1_Part2_Part3_Suffix.pdf
- Using “character string” located in the output line data at Line Number (LN), Begin Column (BC), Number of Columns (NC), SBTN3812-SCS2PDF can dynamically name PDF document.
- When all the invoices in a folder are displayed, customer service representative can easily and quickly locate invoice in response to a customer query.
- This method of naming spool file also facilitates dynamic indexing of PDF documents.
EXAMPLE: When printing say Invoices for Laundry division, SBTN3812-SCS2PDF can be setup to retrieve customer account number, customer name, invoice number and combine that with prefix and suffix to name PDF document like this:

Prefix

Part1

Part2

Part3

Suffix .pdf

Laundry_Invoice_18_Robert_Johnson_Hospital_23246_20020401.pdf

In this illustration:

Prefix = “Laundry Invoice”

Part1 = Customer Number which is located on
Line Number = 18
Beginning at Column = 60
Number of Characters = 4
Result: SBTN3812 retrieves on this particular page string of “18”
Hence Part1=18

Part2 = Customer Name which is located on
Line Number = 19
Beginning at Column = 48
Number of Characters = 15
Result: SBTN3812 retrieves on this particular page string of “Robert Johnson Hospital”
Hence, Part2= Robert_Johnson_Hospital

Part3 = Invoice Number which is located on
Line Number = 8
Beginning at Column = 74
Number of Characters = 6
Result: SBTN3812 retrieves on this particular page string of “23246”
Hence, Part3= 23246

Suffix = 20020401. This value may be typed in by the printer operator.
It is not necessary to populate Part1, Part2, Part3 and or Suffix.

SBTN3812 automatically appends “.pdf” to the PDF file.
Emailing PDF Document

- Automatically distribute PDF documents via email attachment to an individual or to group of individuals.
- SBTN3812-SCS2PDF comes with Microsoft Access Database SBTN3812Email.mdb.
- Our software does not require you to learn complicated e-mail exit programs. There is nothing to program.
Email Server – (7.)

Two formats of SMTP Server IP address are supported.

1. **Dotted Notation**
   Dotted Notation nnn.nnn.nnn.nnn
   where nnn is between 000 to 255
   e.g. 10.1.1.25

   Or

2. **Fully Qualified Domain Name Service Name**
   Email Server fully qualified Domain Name Service (DNS) designation
   e.g. mail.earthlink.net
Email Address Access Database

It is located in EmailAddressDB folder.

<your folder (e.g. c:\B2BeDocuments)>
\eSmartClient
\SBTN3812-SCS2PDF-eFormPrinter
\ProgramFiles
\EmailAddressDB
EmailLog.mdb
SBTN3812Email.mdb

SBTN3812Email.mdb
A screen shot of "SBTN3812EmailAddresses" table is as follows:
Field names: EmailIndexKey, Name, EmailAddress and Group must not be changed.

<table>
<thead>
<tr>
<th>EmailID</th>
<th>EmailIndexKey</th>
<th>Name</th>
<th>EmailAddress</th>
<th>Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>15</td>
<td>Barbara Freeston</td>
<td><a href="mailto:Barbara.Freeston@decker.com">Barbara.Freeston@decker.com</a></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>20</td>
<td>Charlene Halgash</td>
<td><a href="mailto:chalgash@cyber.com">chalgash@cyber.com</a></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>73</td>
<td>Daniel Hyde</td>
<td><a href="mailto:hyde@ennis.com">hyde@ennis.com</a></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>89</td>
<td>Mary Smith</td>
<td><a href="mailto:MarySmith@epicer.com">MarySmith@epicer.com</a></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>127</td>
<td>Larry Taylor</td>
<td><a href="mailto:ltaylor@houseman.com">ltaylor@houseman.com</a></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>169</td>
<td>William Reyes</td>
<td><a href="mailto:WilliamReyes@semisch.com">WilliamReyes@semisch.com</a></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>223</td>
<td>Robert Anderson</td>
<td><a href="mailto:RAnderson@eastern.com">RAnderson@eastern.com</a></td>
<td>Send</td>
</tr>
<tr>
<td>8</td>
<td>283</td>
<td>Devon Tate</td>
<td><a href="mailto:dttate@gotwalsof.com">dttate@gotwalsof.com</a></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>578</td>
<td>Darlene Wickham</td>
<td><a href="mailto:Darlene.Wickham@goldstore.com">Darlene.Wickham@goldstore.com</a></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>345</td>
<td>Michelle Kramer</td>
<td><a href="mailto:Michelle.Kramer@bobten.com">Michelle.Kramer@bobten.com</a></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>2289</td>
<td>Eileen Kozlowski</td>
<td><a href="mailto:EileenKozlowski@ptcoin.com">EileenKozlowski@ptcoin.com</a></td>
<td></td>
</tr>
</tbody>
</table>

You can use "EnterKeyNameEmAddrs" form to enter values in the database.
SBTN3812EmailAddresses Database Table
SBTN3812Email.mdb

- You duplicate and rename SBTN3812Email.mdb to suite your requirement.
- You can populate EmailIndexKey, Name, EmailAddress and Group database fields.
- EmailIndexKey: Value in this field may be Customer Account Number in Invoice print output file.
- Name: Values to be used in “Email To Name”.
- EmailAddress: Values to be used in “Email To Address”
- Group: Group of Individuals who will receive the email.
Email to Individual – (8a.)
Scenario One

- When the user types in “Name” and “Email Address” of a person manually, all the PDF documents and reports created will be emailed to that person.
- EXAMPLE: Name = “John Dean” Address = “jdean@dccleaners.com”
All PDF created will be always emailed to John Dean <jdean@dccleaners.com>
Email to Individual – (8bA)
Scenario Two

Email Address in the spool file line data

Acceptable Email Formats
James Dean <jdean@dccleaners.com>
jdean@dccleaners.com
<jdean@dccleaners.com>

• If your spool file contains email address always at fixed location on the first page, you than you can use it to send PDF document to the email address.
• EXAMPLE:
  Email Address is located on
    Line Number = 21
    Beginning at Column = 7
    Number of Characters = 50
  Result: SBTN3812 retrieves on this particular page, character string of
    “jdean@dccleaners.com”
  Hence, Email will be sent to EmailToName = “jdean” and
  EmailToAddress = “jdean@dccleaners.com”
Email to Individual – (8bB and 8bB3)

Scenario Three

- Microsoft Access Database
  Email to individual using Microsoft Access Database.
- Look up Email address by using EmailIndexKey located at Line Number LN, Beginning at Column BC, Number of Characters NC

EXAMPLE:
LN=18, BC=60, NC=4

• Name and Email Address are looked up in Microsoft Access Database based on “EmailIndexKey” character string in the line data at Line Number (LN), Begin Column (BC), Number of Columns (NC).
• Example: Let us say in the Laundry Invoice Spool File, Customer Account Number is located at Line Number 18, Beginning at Column 60 and next 4 characters. (LN=18, BC=60, NC=4)

So when SBTN3812 retrieves character string from LN=18, BC=60, NC=4, Let us say it is “29” i.e. EmailIndexKey=“29”.
Please refer to Microsoft Access Database Table “SBTN3812EmailAddresses” column “EmailIndexKey”.
For EmailIndexKey=“29”
SBTN3812-SCS2PDF will email PDF document to
Name = “Mary Maslonka”
Email Address = “Mary.Maslonka @nycleaners.com”
Email to Group – (8bB and 8bB1)
Scenario One

- Name and Email Address are looked up from Microsoft Access Database based on manually typed in “Group Name Static - Email”.
- Example: When Group = “Send”; SBTN3812-SCS2PDF will send emails to all Name/EmailAddress retrieved from “Group” field in “SBTN3812EmailAddresses” table of “SBTN3812Email.mdb” database.
Email to Group – (8bB + 8bB2 + 8bB3)
Scenario Two

- Name and Email Address are looked up from Microsoft Access Database based on “Group” character string in the line data at Line Number (LN), Begin Column (BC), Number of Columns (NC).
- EXAMPLE: Let us say in the Laundry Invoice Spool File, Customer Type character string is located at Line Number 20, Beginning at Column 42 and next 12 characters. So when SBTN3812 retrieved value is say “Laundry”. Then Group = “Laundry”. Please refer to Microsoft Access Database Table “SBTN3812EmailAddresses” column “Group”.

SBTN3812-SCS2PDF will send emails to all Name/EmailAddress retrieved from Group = “Laundry” field in “SBTN3812EmailAddresses” table of “SBTN3812Email.mdb” database.
Document Indexing (13.)

Index PDF Document

SBTN3812 document indexing database is located in “DocumentIndexDB” sub-folder.

<your folder (e.g. c:\B2BeDocuments)>
\eSmartClient
\SBTN3812-SCS2PDF-eFormPrinter
\ProgramFiles
\DocumentIndexDB
\SBTN3812DocumentIndex.mdb
eSmartClient™ SBTN3812-SCS2PDF Family

- SBTN3812-SCS2PDF-eFormPrinter comes with Microsoft Access database SBTN3812DocumentIndex.mdb
- Each PDF document can be dynamically indexed for further integration into other applications.
- SBTN3812 generates up to 16 Index Name=Value pairs per PDF document by retrieving character string(s) at Line Number (LN), Begin Column (BC), Number of Columns (NC).

Select SBTN3812DocumentIndex.mdb
**Document Index Control**

<table>
<thead>
<tr>
<th>Index Name</th>
<th>equal</th>
<th>Index Value at</th>
<th>Add</th>
</tr>
</thead>
<tbody>
<tr>
<td>InvoiceNumber</td>
<td></td>
<td>8, 74, 6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LN, BC, NC</td>
<td>Cancel</td>
</tr>
</tbody>
</table>

LN: Line Number, BC: Begin Column, NC: Number of Columns

**B2BeDocuments.com**

Added Document Index Number 1
IndexName=InvoiceNumber,
IndexValue @ LN=8, BC=74, NC=6;

OK

**Document Index Control**

<table>
<thead>
<tr>
<th>Index Name</th>
<th>equal</th>
<th>Index Value at</th>
<th>Add</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customer</td>
<td></td>
<td>19, 48, 15</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LN, BC, NC</td>
<td>Cancel</td>
</tr>
</tbody>
</table>

LN: Line Number, BC: Begin Column, NC: Number of Columns

**B2BeDocuments.com**

Added Document Index Number 2
IndexName=Customer,
IndexValue @ LN=19, BC=48, NC=15;

OK
### SBTN3812DocumentIndex

- **SBTN3812-SCS2PDF-eFormPrinter**

<table>
<thead>
<tr>
<th>DocumentID</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>22382</td>
<td></td>
</tr>
<tr>
<td>22384</td>
<td></td>
</tr>
<tr>
<td>(AutoNumber)</td>
<td></td>
</tr>
</tbody>
</table>
**SBTN3812DocumentIndex**

![Microsoft Access](image)

<table>
<thead>
<tr>
<th>DocumentID</th>
<th>Location</th>
<th>Name</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>D:\DocumentIndex\</td>
<td>sb-20020228-12345.pdf</td>
<td>system</td>
</tr>
<tr>
<td>12</td>
<td>D:\DocumentIndex\12</td>
<td>sb-20020228-12345.pdf</td>
<td>system</td>
</tr>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **SBTN3812-SCS2PDF-eFormPrinter**
The Look of PDF Documents Generated by SBTN3812-SCS2PDF Family

Visual look of the PDF documents generated from your OS/400 Spool Files is controlled by Spool File Attributes viz.

Page Size:

<table>
<thead>
<tr>
<th>Length</th>
<th>Number of Lines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>Number of Columns</td>
</tr>
<tr>
<td>Measurement</td>
<td>*ROWCOL</td>
</tr>
</tbody>
</table>

Lines Per Inch
Characters Per Inch

We use values received from your program, interpret it and fit the text on 8.5-inch x 11.0-inch paper. If you want to print 198 columns wide at 88 lines vertically, text on the PDF page will be smaller.

Portrait or Landscape Orientation is determined by page rotation PAGRRTT command.

Page Rotation

| *DEVD  | Software will determine whether to print 8.5 inches wide by 11.0 inches long (Portrait) or 11.0 inches wide by 8.5 inches long (Landscape) |
| *COR   | Software will print 11.0 inches wide by 8.5 inches long (Landscape) |
| *AUTO  | Software will determine whether to print 8.5 inches wide by 11.0 inches long (Portrait) or 11.0 inches wide by 8.5 inches long (Landscape) |
| *0     | Software will print 8.5 inches wide by 11.0 inches long (Portrait) |
| *90    | Software will print 11.0 inches wide by 8.5 inches long (Landscape) |
| *180   | Software will print 8.5 inches wide by 11.0 inches long (Portrait) |
| *270   | Software will print 11.0 inches wide by 8.5 inches long (Landscape) |

To change the way report prints out, please use CHGPRTF or OVRPRTF command and run the job again.
SBTN3812 Software Setup

Let us say you downloaded your copy of SBTN3812-SCS2PDF “s1365298.zip” in say “D:\000spmd” directory.

Then unzipped “s1365298.zip” and extracted it to “D:\000spmd\” directory.

Begin software Setup by double clicking on "Setup.exe". This program will be in folder where you unzipped downloaded software. Following illustrative screen shot shows "Setup.exe" program.
When you click on "Setup.exe" program, it launches "Setup welcome screen".

Welcome screen.
Action: Click on "Start" button. Following is Screen Shot of Welcome screen.

Click on "Start" button launches Software License Agreement screen.
Software License Agreement
Action: Click on "Next" only if you agree to Terms and Conditions outlined in the Software License Agreement.
Following is Screen Shot of Software License Agreement screen.

Click on "Next" launches Software Trial Unlock Key screen.
Locate E-mail with Software Unlock Key.
You must accurately copy and paste 16 characters long unlock key in the Software Trial Unlock Key dialog box.
Following is an illustrative screen shot of an e-mail. Your 16-character value will be different from what is in the illustration.

Please save this email for future reference.

SBTN3812-SCS2PDF-SPMD Software Trial Unlock Key

Thank you for downloading s1365293.zip from B2BeDocuments.com (tm).

You will need following 16 character Unlock Key during installation of SBTN3812-SCS2PDF-SPMD

EKPPFKEHMPPCGXZ

When requested, please copy and paste above 16 character string during software installation.
Software Trial Unlock Key.
Before you can install this software, you have to locate e-mail we sent you which contains 16 character long Unlock Key. You have to enter it in the dialog box. Illustrative screen shot of it is as follows.
Copy and Paste / Enter Software Trial Unlock Key.  
Action: Copy and Paste / Enter Software Trial Unlock Key. You must be accurate.  
Click on "Submit" button.

Please save this email for future reference.
SBTN3812-SCS2PDF-SPMD Software Trial Unlock Key
Thank you for downloading s1365298.zip from B2BeDocuments.com (tm).

You will need following 16 character Unlock Key during installation of SBTN3812-SCS2PDF-SPMD

**BKPPPPKEHMPPCGXZ**

When requested, please copy and paste above 16 character string during software installation.
If 16-character long value is correct, software will be unlocked.
eSmartClient™ SBTN3812-SCS2PDF Family

Software Unlock Key

Open your Email's IN box. Retrieve the Software Unlock Key.
Unlock Key is 16 characters long. Copy and Paste it in the following box.
Step 1. Enter Trial Unlock Key: EKPPPKEHMPCGKZ
Step 2. Click on Submit button: Submit

Software Subscription Renewal

There is no charge to subscribe this software.
Please provide information requested during renewal process.
Thank you.

Step 1. To begin renewal process, first click on button to the right: GoTo www.B2BeDocuments.com
Step 2: On B2BeDocuments web page, locate 9 digit Renewal Unlock Key. Copy Renewal Unlock Key in the text box to the right:
Step 3. Click on Register button: Register

eSmartClient Software Trial Unlock Key is VALID.
We are unlocking software.
Now click on Continue button. Thanks!
Software Unlocked - Continue
Action: When software is unlocked, click on "Continue" button.

After Unlocking the software, when you click on "Continue" button, Software License Information screen will be launched.

![Software License Information Screen](image-url)
Software Serial Number and Expiration Date
Action: Click on "Continue". Please note that software usually expires after trial period. You will be required to re-register the software.

<table>
<thead>
<tr>
<th>Software Serial Number: 5600000013654296</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version: 3.40</td>
</tr>
<tr>
<td>SBTN3812-SCS2PDF-SPMD</td>
</tr>
<tr>
<td>This Software is Licensed to:</td>
</tr>
<tr>
<td>James Goldsmith</td>
</tr>
<tr>
<td>Acme Manufacturing Co.</td>
</tr>
<tr>
<td><a href="mailto:jgoldsmith@acmemfg.com">jgoldsmith@acmemfg.com</a></td>
</tr>
<tr>
<td>License Expires On: 12/19/2002 16:18:18</td>
</tr>
<tr>
<td>Number of Sessions: 0</td>
</tr>
</tbody>
</table>

B2BeDocuments management thanks you for your business.
To launch the software, click on Continue..

Click on "Continue" launches Software Installation Screen.
Software Installation Screen
Action: Select folder. Select folder where you want to install the software. You can change default drive and folder.

Select Software Installation Location

Please enter the destination location where you want to install eSmartClient. You may choose the default directory or click on the Folder button to find a new location.

Where do you want to install?

C:\B2BeDocuments

<Back Next>
Change Drive and Type in New folder name

The folder: 
C:\scs2pdf

does not exist. Do you want create the folder?

Yes  No
Software Installation Folder
Action: Click on "Next".

Please enter the destination location where you want to install eSmartClient. You may choose the default directory or click on the Folder button to find a new location.

Where do you want to install?
D:\B2BeDocuments

Action: Click on "Next".
Software Installation Complete
Action: Click on "Finish".
Software License Information
Action: Click on "Continue". Click on "Continue" to launch the software.

Software installs Desktop Shortcut to launch "eSmartClient"
Following is an illustrative Screen Shot of Shortcut.
Setup: iSeries/400 AS/400

Software Session Profile Setup
Before you can use eSmartClient, we have to create and save a Session Profile.

Enter following values....
1. **Profile Name**: Host session configuration parameters are being saved in a Profile. You can select easy to remember Profile Name.
2. **Host IP Address**: AS/400 Telnet Host IP Address to which this client will connect. It must be in dotted form i.e. nnn.nnn.nnn.nnn where nnn is between 0 and 255.
3. **Printer Name**: SBTN3812-SCS2PDF requests the AS/400 Telnet server a pre-defined specific device by Printer Name. If no pre-defined printer device exists then, on the AS/400, virtual printer device with "IBM-3812-1" SCS (SNA Character Stream) device attributes will be created and a printer writer will be started.
   CAUTION: This is a virtual printer. Please do NOT give it same name as a current physical printer (twinax attached) already configured in your system.
4. **Message Queue**: The name of the (user) message queue that this printer writer uses for operational messages sent to the user.
5. **Message Library**: The name of the library that contains the message queue.
6. **Printable Character Set**: Multinational (Default)
   Available choices:
   USA / Canada
   Austria / Germany
   Belgium
   Brazil
   Canada (French)
   Denmark / Norway
   Finland / Sweden
   France
   Italy
   Japan (English)
   Portugal
   Spain
   Spanish-speaking
   United Kingdom
7. Automatic Switching of Setup for (PDF Form Email Index FTP).

8. Select Folder: When spool files are released to print to this client, it generates Acrobat PDF output. Directory / Folder you select is where generated Acrobat PDF files will be written to on your PC hard disk drive.

9. Print to Windows default printer. We left it unchecked. You can print PDF document in real time to your desktop’s Windows either direct attached or network printer. You will require presence of Adobe Acrobat 5.0 (full paid version – NOT Acrobat Reader) to enable printing.


11. Buttons
   - **New** button: Create New host session profile.
   - **Save** button: Saves the current profile.
   - **Delete** button: Deletes the selected profile.

12. Profile Operation Status: Displays information when New, Save, Delete buttons are activated.
iSeries/400 AS/400 Session Profile Setup

If this is first time you are setting up the session profile, than Add Profile message box will pop up. Click on OK button.
iSeries/400 AS/400 Session Profile Setup - continue

Example Values:
1. Profile Name: typed in ACME LAUNDRY
2. Host IP Address: typed in 10.1.1.1
3. Printer Name: typed in PRTPDF.
CAUTION: This is a virtual printer. Please do NOT give it same name as a current physical printer (twinax attached) already configured in your system.
4. Message Queue: typed in QUSER
5. Message Library: typed in QUSRSYS
6. Printable Character Set: Multinational (Default)
   Available choices:
   USA / Canada
   Austria / Germany
   Belgium
   Brazil
   Canada (French)
   Denmark / Norway
   Finland / Sweden
   France
   Italy
   Japan (English)
   Portugal
   Spain
   Spanish-speaking
   United Kingdom

7. Automatic Switching of PDF Form – left it blank
8. We selected C:/PDFOutput by clicking on folder button.
Click on "Select " if you OK the folder.
9. Print to Windows default printer. We left it unchecked. You can print PDF document in real time to your desktop’s Windows either direct attached or network printer. You will require presence of Adobe Acrobat 5.0 (full paid version – NOT Acrobat Reader) to enable printing.

Enter all values and then click on "SAVE" button.
Profile "INVOICES" is saved.

Now click on "Setup: PDFForm, Email, FTP" Tab to continue setup.
Starting and Stopping the Virtual Printer

To start the Virtual Printer, switch to "Printer Operation" tab.

Printer Operation

When eSmartClient is launched and "Printer Operation" screen is displayed, it looks like following Screen Shot. SBTN3812 client is in "Offline" state.
START the Virtual Printer
"I902 : Session successfully started."

Click on "Start Printer" button. If values entered during Setup are correct, the print client should go online within seconds. You should see "I902 : Session successfully started." message in the Status box.
If you see any other message, please go to Trouble Shooting page.
3812 Device Type is Active

SBTN3812 creates, starts IBM 3812 Virtual Printer Session.
Following Screen Shot shows 3812 Device Type is Active..
SBTN3812 created 3812 Virtual Printer replaces twinax attached printer. Following Screen Shot shows 3812 Device Description. Page 1 of 3
Please note that there no changes to default values assigned by the IBM AS/400 System.

<table>
<thead>
<tr>
<th>Device description</th>
<th>FRTPDF01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Option</td>
<td>*EASIC</td>
</tr>
<tr>
<td>Category of device</td>
<td>*FRT</td>
</tr>
<tr>
<td>Device class</td>
<td>*VRT</td>
</tr>
<tr>
<td>Device type</td>
<td>3812</td>
</tr>
<tr>
<td>Device model</td>
<td>1</td>
</tr>
<tr>
<td>Advanced function printing</td>
<td>*NO</td>
</tr>
<tr>
<td>Online at IFL</td>
<td>*NO</td>
</tr>
<tr>
<td>Attached controller</td>
<td>QWIRCD001</td>
</tr>
<tr>
<td>Font:</td>
<td></td>
</tr>
<tr>
<td>Identifier</td>
<td>011</td>
</tr>
<tr>
<td>Point size</td>
<td>*NONE</td>
</tr>
<tr>
<td>Form feed</td>
<td>*AUTOCUT</td>
</tr>
<tr>
<td>Separator drawer</td>
<td>*FILE</td>
</tr>
<tr>
<td>Separator program</td>
<td>*NONE</td>
</tr>
</tbody>
</table>

Press Enter to continue

F3=Exit  F11=Display keywords  F12=Cancel
Device Description... continued
Following Screen Shot shows 3812 Device Description. Page 2 of 3
Please note we do not require "Host Print Transform".

<table>
<thead>
<tr>
<th>Display Device Description</th>
<th>s1026577</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>03/31/01</td>
</tr>
<tr>
<td>Time</td>
<td>07:41:09</td>
</tr>
</tbody>
</table>

- Device description: PRTPDF01
- Option: *BASIC
- Category of device: *PRT
- Printer error message: *INFO
- Message queue: PRA髋
- Library: QUESYS
- Current message queue: PRA髋
- Library: QUESYS
- Host print transform: *NO
- Manufacturer type and model: 
- Paper source 1: *MFTYPMDL
- Paper source 2: *MFTYPMDL
- Envelope source: *MFTYPMDL
- ASCII code page 899 support: *NO
- Image configuration: *NONE

Press Enter to continue

F3=Exit  F11=Display keywords  F12=Cancel

Device Description... continued
Following Screen Shot shows 3812 Device Description. Page 3 of 3
Please note we do NOT require "Workstation customizing object".
Please note we do NOT require "Data transform program".

<table>
<thead>
<tr>
<th>Display Device Description</th>
<th>s1026577</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>03/31/01</td>
</tr>
<tr>
<td>Time</td>
<td>07:41:09</td>
</tr>
</tbody>
</table>

- Device description: PRTPDF01
- Option: *BASIC
- Category of device: *PRT
- Workstation customizing object: *NONE
- User-defined object: *NONE
- Object type: *NONE
- Data transform program: *NONE
- User-defined driver program: *NONE
- Dependent location name: *NONE
- Allocated to:
  - Job name: PRTPDF01
  - User: QSPLJOB
  - Number: 321702
- Text: Device created for $1026577.

Press Enter to continue

F3=Exit  F11=Display keywords  F12=Cancel
Use Option 6 to Release Spool File to Print.
Following Screen Shot shows you can use familiar option 6 to control printing.
Use Option 2 to Change Printer Output.
Following Screen Shot shows you can use familiar option 2 to control printer output. You can change number of copies, page range etc.

<table>
<thead>
<tr>
<th>Change Printer Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>User . . . . . . . . : ERDIP</td>
</tr>
<tr>
<td>Printer output . . . . : ERDIP</td>
</tr>
<tr>
<td>Pages . . . . . . . . : 1</td>
</tr>
<tr>
<td>Status . . . . . . . . : Printed and kept</td>
</tr>
</tbody>
</table>

Type choices below, then press Enter:

- Printer to use . . . . . . . . . : PRTEDFU1 Name, F4 for list
- Copies and pages:
  - Number of copies . . . . .  : 1  1-255
  - First page to print . . . . . : \*  Number
  - Last page to print . . . . . : \*LAST  Number, \*LAST
- Type of forms . . . . . . . . . : \*STD  Form type, \*STD
- Print this output next . . . . . : N Y=Yes, N=No
- Save printer output . . . . . . : Y Y=Yes, N=No

F1=Help  F3=Exit  F5=Refresh  F12=Cancel
eSmart Client Job Information and Status
All the information you need is available on one screen.
STOP the Virtual Printer

Click on "Stop Printer" button. Message Box "Do you want to STOP Printer?" will appear. Click on "Yes" button to go off line.
Printer Operation Tab - Offline Mode.
You can re-start the printer by clicking on "Start Printer" button.

NEXT...Printing : Spool File to Acrobat PDF
eSmartClient™ SBTN3812-SCS2PDF Family

Spool Files Converted To Acrobat PDF Document
All Acrobat PDF documents generated are stored on the hard disk of your system. You can view PDF documents using freely available Acrobat Reader.

START the Virtual Printer
Click on "Start Printer" button. If values entered during Setup are correct, the print client should go online within seconds. You should see "I902 : Session successfully started." message in the Status box. If see any other message, please go to Trouble Shooting page.
Use Option 6 to Release Spool File to Print.
Following Screen Shot shows you can use familiar option 6 to control printing.
Use Option 2 to Change Printer Output.
Following Screen Shot shows you can use familiar option 2 to control printer output. You can change number of copies, page range etc.

```
<table>
<thead>
<tr>
<th>Change Printer Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>User: PRADIP Date: 03/05/01</td>
</tr>
<tr>
<td>Printer output: PRADIP Time: 14:03:01</td>
</tr>
<tr>
<td>Pages: 1</td>
</tr>
<tr>
<td>Status: Printed and kept</td>
</tr>
</tbody>
</table>

Type choices below, then press Enter:

Printer to use: PRTEDFUL Name, F4 for list

Copies and pages:
  Number of copies: 1 1-255
  First page to print: 1 Number
  Last page to print: *LAST Number, *LAST

Type of forms: *STD Form type, *STD

Print this output next: N Y=Yes, N=No

Save printer output: Y Y=Yes, N=No

F1=Help F3=Exit F5=Refresh F12=Cancel
```
eSmart Client Job Information and Status
All the information you need is available on one screen.
iSeries AS/400 Spool File to be converted to Acrobat PDF document. Following Screen Shot displays a Spool File on iSeries AS/400. When this Spool File is released to virtual printer "PRTPDF01", as it prints, the virtual printer "PRTPDF01" will convert the print data received to Acrobat PDF document.

Acrobat PDF documents in Windows Explorer.
Where Are PDF Documents??
SBTN3812 generated Acrobat PDF Files are written to the local hard disk of the personal computer in which SBTN3812 software is running. Following Screen Shot illustrates what the Windows directory entry of Acrobat PDF file looks like.
SBTN3812 software generated PDF file naming convention is "sb - year month day - hour minute second . pdf"

<table>
<thead>
<tr>
<th>Name</th>
<th>Size</th>
<th>Type</th>
<th>Modified</th>
</tr>
</thead>
<tbody>
<tr>
<td>sb-20010322-132645.pdf</td>
<td>225KB</td>
<td>Adobe Acrobat</td>
<td>3/22/01 1:28 PM</td>
</tr>
<tr>
<td>sb-20010327-150953.pdf</td>
<td>11KB</td>
<td>Adobe Acrobat</td>
<td>3/27/01 3:09 PM</td>
</tr>
<tr>
<td>sb-20010327-150956.pdf</td>
<td>8KB</td>
<td>Adobe Acrobat</td>
<td>3/27/01 3:09 PM</td>
</tr>
<tr>
<td>sb-20010327-152517.pdf</td>
<td>140KB</td>
<td>Adobe Acrobat</td>
<td>3/27/01 3:26 PM</td>
</tr>
<tr>
<td>sb-20010327-152613.pdf</td>
<td>41KB</td>
<td>Adobe Acrobat</td>
<td>3/27/01 3:26 PM</td>
</tr>
<tr>
<td>sb-20010327-152628.pdf</td>
<td>229KB</td>
<td>Adobe Acrobat</td>
<td>3/27/01 3:27 PM</td>
</tr>
<tr>
<td>sb-20010327-152753.pdf</td>
<td>43KB</td>
<td>Adobe Acrobat</td>
<td>3/27/01 3:28 PM</td>
</tr>
<tr>
<td>sb-20010327-152809.pdf</td>
<td>11KB</td>
<td>Adobe Acrobat</td>
<td>3/27/01 3:28 PM</td>
</tr>
<tr>
<td>sb-20010327-152812.pdf</td>
<td>8KB</td>
<td>Adobe Acrobat</td>
<td>3/27/01 3:28 PM</td>
</tr>
<tr>
<td>sb-20010328-092739.pdf</td>
<td>11KB</td>
<td>Adobe Acrobat</td>
<td>3/28/01 9:27 AM</td>
</tr>
<tr>
<td>sb-20010328-092742.pdf</td>
<td>8KB</td>
<td>Adobe Acrobat</td>
<td>3/28/01 9:27 AM</td>
</tr>
<tr>
<td>sb-20010328-102600.pdf</td>
<td>11KB</td>
<td>Adobe Acrobat</td>
<td>3/28/01 10:26 AM</td>
</tr>
<tr>
<td>sb-20010328-102742.pdf</td>
<td>11KB</td>
<td>Adobe Acrobat</td>
<td>3/28/01 10:27 AM</td>
</tr>
</tbody>
</table>
Open SBTN3812 generated PDF Files in Acrobat PDF Reader. Following Screen Shot shows how SBTN3812 generated PDF file looks like when displayed in Adobe Acrobat Reader. Please compare following PDF file with above Spool File. Line Printer report formats are accurately maintained. Portrait or Landscape orientation and Horizontal and Vertical Spacing is calculated to fill up the entire page. Depending on the network speed and processing power, the software is capable of printing and converting around One Million Characters per Minute of your spool files.
SBTN3812 Software Subscription

<table>
<thead>
<tr>
<th>Product</th>
<th>Annual Subscription Fee (In US Dollars)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBTN3812-SCS2PDF-eFormPrinter</td>
<td>$500</td>
</tr>
</tbody>
</table>

We accept Company, Government and Education Purchase Order as well as payment made with Credit / Debit Card using secure server.

Using Purchase Order
Click on “Enter Purchase Order” link.
Please fill out Purchase Order Form.
Once we review your request, and receive your signed Purchase Order, we will generate and email you 16-digit Purchase Order Acknowledgement number.

You will be using this 16-digit Purchase Order Acknowledgement number to subscribe paid version of the software for one year. During the year, you will receive technical support and software updates.
If you are going to use company Purchase Order to subscribe use of this software, please prepare request to use Purchase Order for SBTN3812 software.

Click on “Sales”. It is at the top (first line) of the web page.

B2BeDocuments Sales page will be delivered.
Click on “Enter Purchase Order” hyper link.
Purchase Order Acknowledgement Number
Please provide information requested. We will activate “Purchase Order Acknowledgement Number” once we receive written Purchase Order on your organization’s official stationery with appropriate signature(s) from you.
Technical Contact

Contact - Technical:

First Name: John
Middle Name:
Last Name: Goldsmith
Title: Director
Email Address: jgoldsmith@acnemfg.com
Telephone Area Code: 203
Telephone Number: 555-3456
Telephone Extension: 890
Wireless:
Cellphone Number:
Fax:
... select the right product and enter quantity. Click on “Go”. 
System returns web page with P O Acknowledgement Number.

Thank you for your Purchase Order.

P O Acknowledgment Number: PA61-0000-0026-3134.

We will approve and activate this P O Acknowledgment Number once we have received written purchase order with guarantee of payment.

Our fax no is 215-641-0809.

Our mailing address is
Sales Department
B2BeDocuments
P.O. Box 154,
Blue Bell, PA 19422 USA

On the Official Purchase Order you have prepared or will prepare, please write down Purchase Order Acknowledgement Number and either mail to B2BeDocuments, P.O. Box 154, Blue Bell, PA 19422 USA or email to sales@B2BeDocuments.com. Once we approve your PO, you will receive email from us.
SBTN3812 Software Subscription Process

To start the SBTN3812 software subscription process,
Start SBTN3812 by clicking on shortcut on the desktop.

On the Software License Information screen,
click on “Subscribe” button.
Click on “Yes” button.
Software Subscription Renewal Process
To begin Software Subscription Renewal process,

Microsoft Internet Explorer must be installed on the PC.

B2BeDocuments™ server will return “Order Software” web page. You can use either your Company Purchase Order or Credit Card to subscribe the software.
If you are using Company Purchase Order than you may have received Purchase Order Acknowledgement Number. Make sure that B2BeDocuments™ received your written Purchase Order in order for accounts receivable dept. to activate
Purchase Order Acknowledgement Number. Type in Purchase Order Acknowledgement Number and click on “Subscribe” button.

If B2BeDocuments™ did not receive your written Purchase Order than you may receive web page with “waiting for document” message.
If B2BeDocuments™ did receive written Purchase Order from you than you may receive web page where you will provide information about you the Subscriber.
Annual Subscription for Software using
Pre-Approved Purchase Order placed by
John Goldsmith
Acme Manufacturing
Stamford, CT

<table>
<thead>
<tr>
<th>Software Name</th>
<th>Product Number</th>
<th>Annual Subscription Fee</th>
<th>Number of Licenses</th>
<th>Item Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>eSmartClient</td>
<td>SBTN3812-SCS2PDF-EFORM</td>
<td>$250</td>
<td>1</td>
<td>$250.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Item(s) Sub Total</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pennsylvania 6% Sales Tax</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Total Amount</td>
</tr>
</tbody>
</table>

Please complete steps 1, 2, 3, 4 and 5.

1. E-mail Address

jgoldsmith@acmemfg.com

- All future communications about this order will be via E-mail.
- Sales Order Acknowledgement
- Software Unlock Key
Complete all fields.
You must provide accurate information.
Click on “Go” button.
Subscription Renewal Unlock Key
Server will deliver web page with Subscription Renewal Unlock Key.

<table>
<thead>
<tr>
<th>Order Details</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Payment</td>
<td></td>
</tr>
<tr>
<td>Delivery</td>
<td>Electronic Download</td>
</tr>
<tr>
<td>Your E-Mail Address</td>
<td><a href="mailto:jgoldsmith@somemfg.com">jgoldsmith@somemfg.com</a></td>
</tr>
<tr>
<td>Telephone Number</td>
<td>213-555-3456 ext. 890</td>
</tr>
<tr>
<td>P.O. Acknowledgment Number</td>
<td>PA06-0000-0026-3134</td>
</tr>
<tr>
<td>Date and Time</td>
<td>6/28/02 1:45:54 PM</td>
</tr>
</tbody>
</table>

Software Subsctiption Renewal Unlock Key:
Please cut and paste following 9 digit Renewal Unlock Key in the eSmartClient SBTN3812-SCS2PDF-EFORM Dialog Box.

375847615
Copy Software Usage - Subscription Renewal Unlock Key.

**Software Subscription Renewal Unlock Key:**
Please cut and paste following 9 digit Renewal Unlock Key in the eSmartClient SBTN3812-SCS2PDF-EFORM Dialog Box

375347615
Paste Subscription Renewal Unlock Key in the dialog box.
eSmartClient™ SBTN3812-SCS2PDF

**Software Trial Code and Subscription Renewal**

- **Software Trial Unlock Key**
  Open your Email's IN box. Retrieve the Software Unlock Key. Unlock Key is 16 characters long. Copy and Paste it in the following box.

  **Step 1. Enter Trial Unlock Key:** [ ]
  ![Submit](Submit)

- **Software Subscription Renewal**
  Step 1. To begin renewal process, visit our web site, click on right:

  **Step 2. Enter Renewal Unlock Key:** [375647615]
  ![Register](Register)

  ![Continue](Continue)

Copyright © 2000-2001 B2BeDocuments
Subscription Renewal Unlock Key pasted in the dialog box. Click on “Register” button.
If “Subscription Renewal Unlock Key” is VALID, it will unlock the software for use. Software subscription is renewed for one year. Click on “Continue” to start using the software. When software is being used during the paid subscription period, software licensing dialog box will not be displayed. You will be taken directly to “Printer Operation” screen.
Technical Support

To receive technical support we require following:

We require, at minimum, 3 files to determine how and why reports are not printing correctly.
Two files will be located in “DiagnosticInfo” subdirectory.
One file will be located in the directory which contains PDF output.
We need following three files:
sb-yyyyymdd-hhnss-EBCDICInput.txt – (in DiagnosticInfo)
sb-yyyyymdd-hhnss-SpoolFilePrintAttributes.txt – (in DiagnosticInfo)
sb-yyyyymdd-hhnss.pdf – (in PDF Folder)

where yyyy is year
   mm is month
   dd is day
   hh is military hour
   nn is minute
   ss is seconds

Please email above files to support@B2BeDocuments.com
It takes about 48 working hours to respond to your query.
You can activate generation of above diagnostic files by
- Launch software
  click on “Setup: iSeries AS/400” Tab
  click on “Diagnostic check box”
  click on “Save” profile button
Start Printer
Release spool file
Stop Printer
Close software
Email above three files.
If you are going to use Lotus Notes to email above files, please change file extension from *.txt to something else e.g. *.ttt because Lotus Notes does not attach text files correctly to SMTP emails.