

eSmartClient SBTN3812

IBM i, i5, AS/400 Virtual Printer
Transforms, Converts AS/400 Spool Files to PDF

Merge Spool File with Electronic Form Overlay
Email PDF Files as a Email Attachment



SBTN3812

IBM i, i5, AS/400 Virtual Printer Transforms Spool Files to PDF

```
Display Device Description                                S1026577
                                                         03/31/01 07:41:09
Device description . . . . . : PRTPDF01
Option . . . . . : *BASIC
Category of device . . . . . : *PRT

Device class . . . . . : *VRT
Device type . . . . . : 3812
Device model . . . . . : 1
Advanced function printing . . . . . : *NO
Online at IPL . . . . . : *NO
Attached controller . . . . . : QVIRCD0001
Font:
  Identifier . . . . . : 011
  Point size . . . . . : *NONE
Form feed . . . . . : *AUTOCUT
Separator drawer . . . . . : *FILE
Separator program . . . . . : *NONE

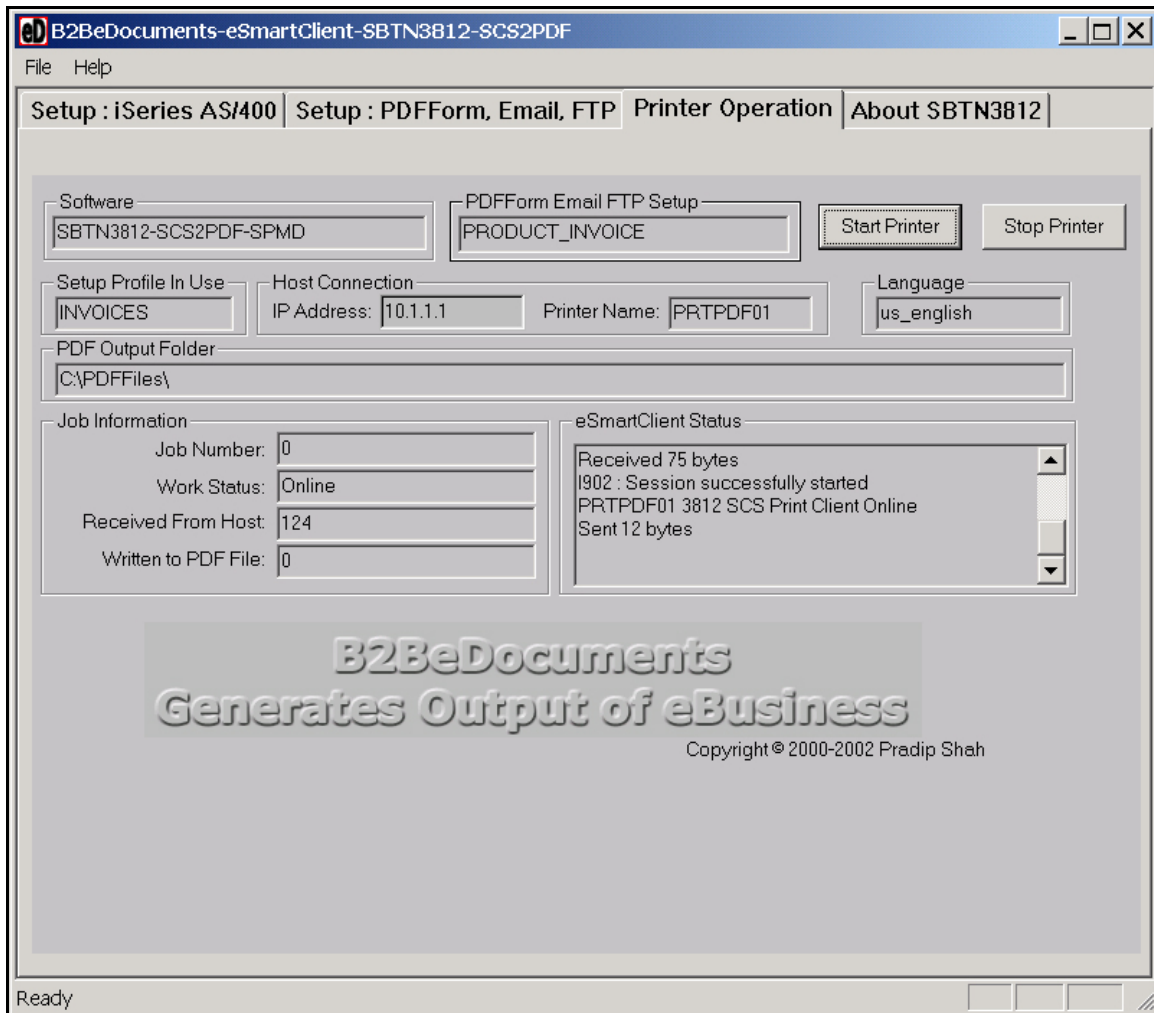
More...

Press Enter to continue

F3=Exit  F11=Display keywords  F12=Cancel
```

- SBTN3812 is an IBM I, i5, iSeries, AS/400 [Virtual Printer](#).
- It transforms, converts all iSeries OS/400 spool files to Adobe Acrobat [PDF](#) files.
- Its integrated emailer [emails PDF files out](#).
- SBTN3812 runs on Windows PC.
- From a user's point of view, SBTN3812 looks like a [SCS System Printer](#) (IBM 3812-1 Printer). You can continue to use CRTPRTF, CHGPRTF, OVRPRTF, CHGSPLFA, WRKOUTQ, WRKSPLF etc. on [5250 Green Screen](#) to print reports for [automatic](#) transformation to PDF and email.
- SBTN3812, when run, telnets to iSeries OS/400 with a device name. In turn, OS/400 Telnet Server
 1. Creates a [Virtual Printer Device](#) with specified name
 2. Creates an [output queue](#) with specified name and
 3. Starts a [printer writer](#) with specified name.
- When a [spooled file](#) with ready (RDY) status is moved to this [output queue](#), printer writer will start sending the spooled file to SBTN3812 for transformation to PDF and emailing. PDFs are saved on local or network disk drive.
- PDF produced by SBTN3812 is [text-based](#), fully navigatable, and high-performance. This means that the output data encoded in EBCDIC is converted to ASCII but remains data, not a bitmap.
- SBTN3812 is [very affordable](#), [easy-to-use](#), fast report publishing and electronic document distribution system.
- [Replaces Pre-Printed Paper Form](#): You can design electronic form overlays using any readily available graphics design software and save the overlay as industry standard JPEG image. Built-in JPEG image processing program merges it with variable line data to produce graphics-rich PDF documents. enabling replacement of pre-printed paper form.
- [Email](#): SBTN3812 has integrated e-mail function for "outbound" PDF electronic distribution.
- [PDF File Name](#): SBTN3812 can generate meaningful PDF file name from the line data. So when all PDF files are displayed, user can quickly determine what it contains.
- [Segmentation](#): SBTN3812 can create multiple PDF files out of a single output file. This "electronic burst and bind" function is integrated into SBTN3812.
- [Electronic Distribution](#): SBTN3812 can email reports as PDF attachments to an individual or group of individuals.
- [Electronic Publication](#): Reports which are normally printed, burst, and mailed in hardcopy format can be converted to PDF and placed in the Integrated File System (IFS) for Web or client access.
- [Complimentary Free Software](#): Scroll down to download it.

SBTN3812-SCS2PDF-SPMD
Complimentary Free Software



Spool To PDF: Converts, transforms AS/400 SCS Spool Files to Adobe Acrobat PDF Files.

Electronic Distribution: Distribute PDF Reports as attachment using Internet Email.

Email to Individual: Method 1: Email PDF Spool File to an Individual by Manually Type In Name and Email Address.

Run on Windows: Software installs on a Windows XP Prof/Vista/Windows 7/2003 Server/2008 Server as AS/400 client.

Virtual Printer: Software automatically creates and starts IBM 3812 virtual printer device writer and queue on AS/400.

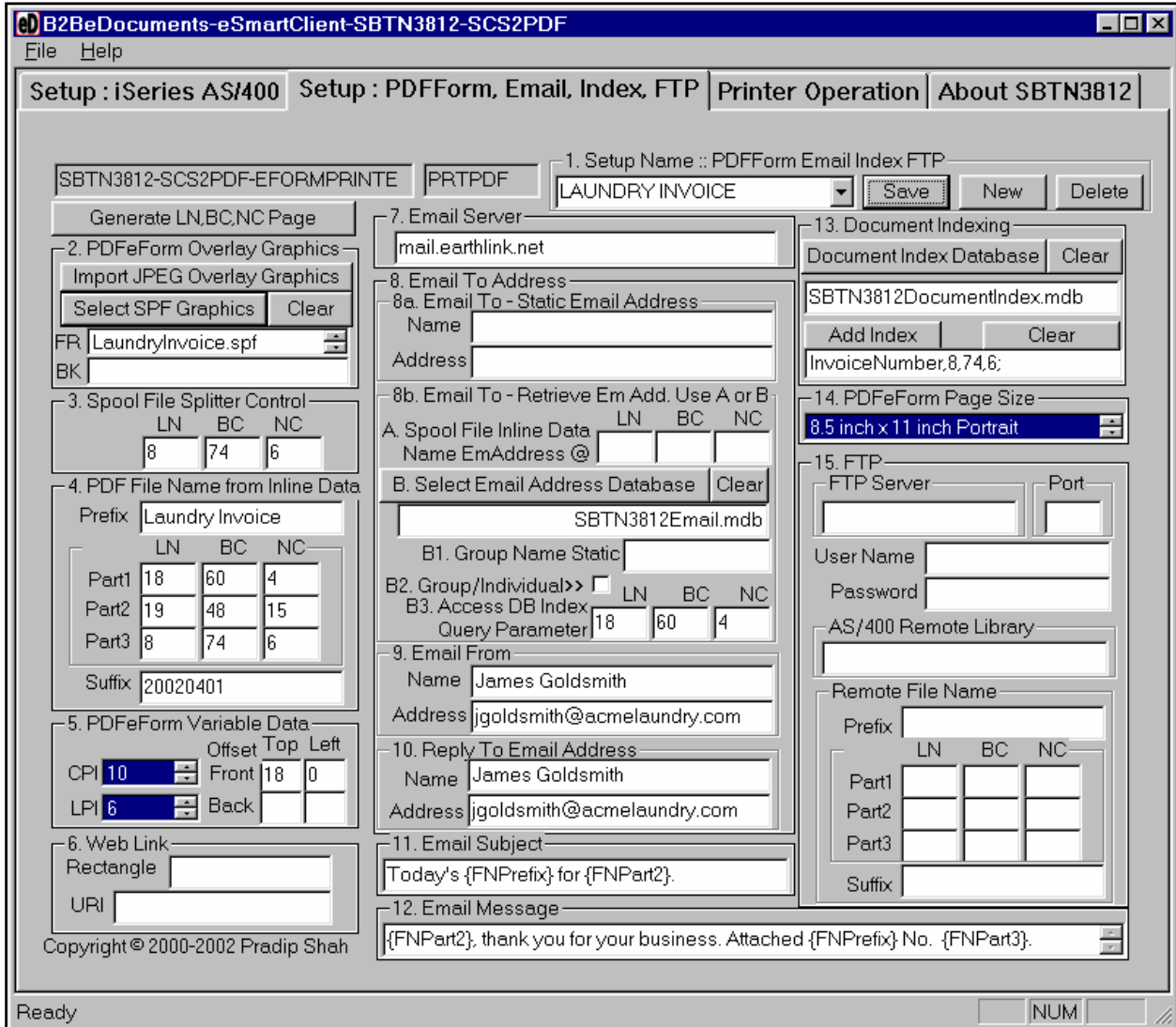
PDF Folder: PDF files created are saved in personal computer.

TCP/IP: Requires Ethernet and TCP/IP connection.

SBTN3812-SCS2PDF-PDFeFormPrinter

Enables replacement of pre-printed paper form.

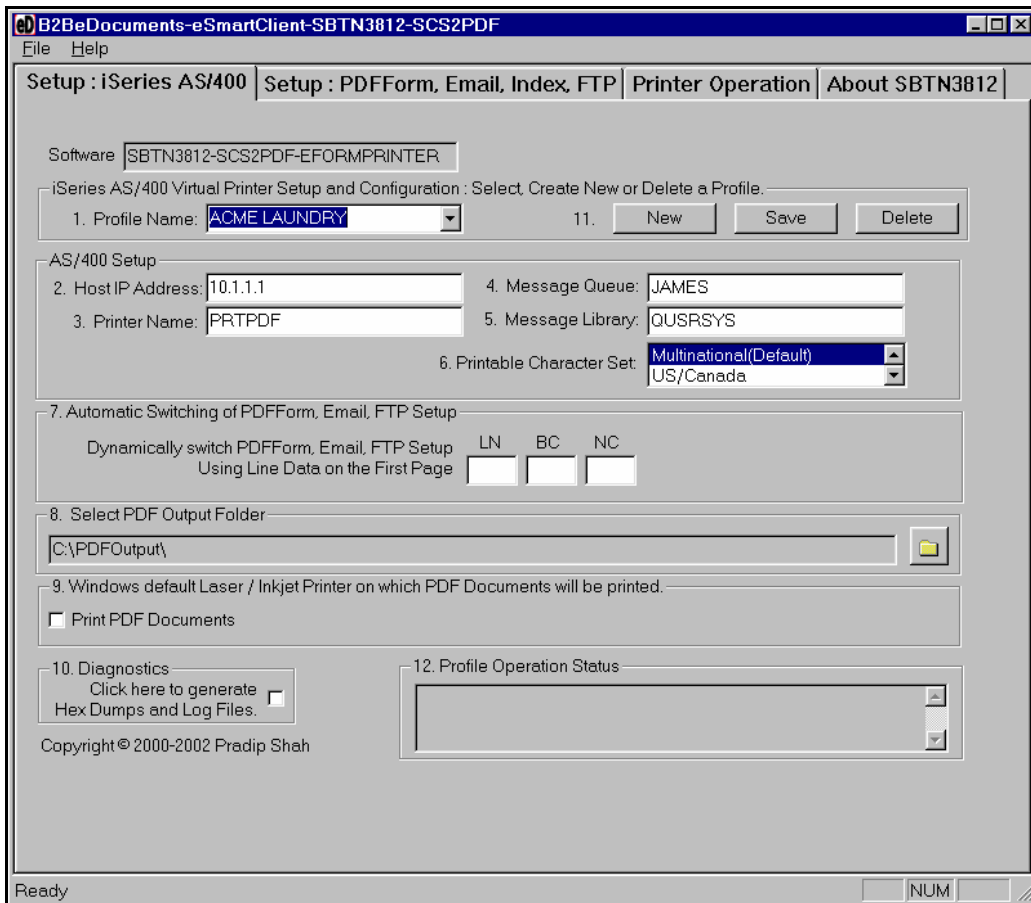
Also it emails PDF document as well as prints it to default Windows Printer! A major technical breakthrough.



- **Spool To PDF:** Converts, transforms AS/400 SCS Spool Files to Adobe Acrobat PDF Files.
- **Segment / Split:** Segment / Split spool file. e.g. Invoices may be split based on the PDF document which is printed on Line Number (LN), Beginning at Column (BC), next Number of Characters (NC) in a, say, Invoice.
- **Meaningful PDF File Name:** Generate PDF File Name from Line Data. Meaningful PDF file naming schema makes it easy to identify contents of the PDF document, say, by Customer Service Representative. PDF file name format is Prefix_Part1_Part2_Part3_Suffix.pdf e.g. Prefix may be type of document, say, 'Laundry Invoice', Part1 may be, say, 'Account Number', Part2 may be, say, 'Bill To Name', Part3 may be, say, 'Invoice Number', Suffix may be, say, 'Date'. Part1, Part2, and Part3 tags are extracted from line data located on Line Number (LN), Beginning at Column (BC), next Number of Characters (NC) in a, say, Invoice.

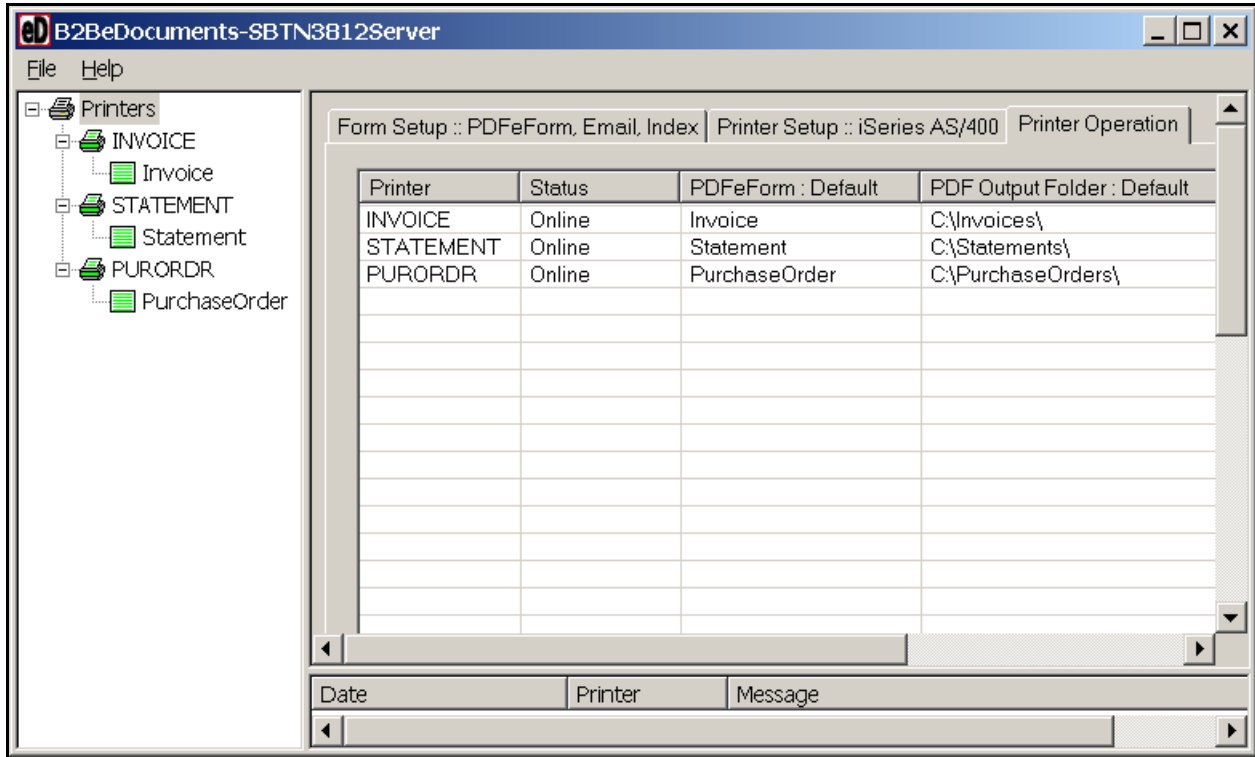
- **Electronic Distribution:** Distribute PDF Reports as attachment using Internet Email.
- **Email to Individual - Method 1:** Email PDF Spool File to an Individual by Manually Type In Name and EmailAddress.
- **Email to Individual - Method 2:** Email PDF Spool File to an Individual by Automatically Extract Name and Email Address from line data. e.g. extract Name and Email Address, say, in Purchase Order Acknowledgement spool file line data which is printed on Line Number (LN), Beginning at Column (BC), next Number of Characters (NC).
- **Email to Individual - Method 3:** Email PDF Spool File to an Individual by Automatically lookingup Name and Email Address from Microsoft Access Database based on EmailIndexKey in the line data e.g. EmailIndexKey may be Customer Number which is printed on Line Number (LN), Beginning at Column (BC), next Number of Characters (NC) in an Invoice.

- **Email to Group - Method 4:** Email same PDF Spool File to all the recipients in a Group by Manually type in 'Group' name tag to send emails to by looking up Names and Email Addresses in Microsoft Access database of all the members belonging to that Group. e.g. To email out Daily Sales Report, Group name tag may be 'Sales Managers', 'NorthEast Sales Region', 'FootWear' etc. etc.
- **Email to Group - Method 5:** Email same PDF Spool File to all the recipients in a Group by Automatically extracting from line data Group name tag to look up in Microsoft Access database Names and EmailAddresses of all members belonging to that Group. e.g. Group name tag may be 'Monthly Sales Report', 'Stock Status Report' which is printed on Line Number (LN), Beginning at Column (BC), next Number of Characters (NC) in a, say, Sales Report or Inventory Control Report.
- **Email Address Database:** Retrieve Email Address from Microsoft Access Database. Software comes with ready to use Access Database Table and Data Entry Form so that you can populate it, depending on your requirement, with 'EmailIndexKey', 'Name', 'Email Address', and 'Group'.
- **FTP to IFS:** Upload PDF Files to Inegrated File System Using FTP.
- **Replace Pre-Printed Form:** Electronic Form Overlay Merged with Spool File Variable Data enables replacement of pre-printed paper form.
- **Easy-to-Design JPEG Overlay:** Import industry standard JPEG images as Electronic Form Overlay objects.
- **No Proprietary Form Design Software:** You can design electronic form overlays using any readily available graphics design software e.g. Microsoft Paint, Microsoft Powerpoint, Xara X, Adobe Photoshop, Adobe Illustrator or any other desktop graphics design program and save the image as industry standard JPEG image. Built-in JPEG image processing program enables graphics-rich PDF documents. You don't require AS/400 specific proprietary forms design software to generate graphics-rich PDF documents.
- **Document Indexing:** Generate up to 16 Indexes per PDF Document. Save Document Indexes in Microsoft Access Database. e.g. Invoice Number may be used as Document Index and full file-path saved in a Microsoft Access Database. Software comes with ready to use Microsoft Access Database with DocumentIndex and document Information Tables so that software can automatically update it with name of the PDF document and its location - full file path.
- **Web Link:** Embed Web Link. e.g. When you email out PDFeForm Invoice, it may contain hyperlink, say, "http://www.yourcompany.com/invoice.htm?invoicenumber=123" Hence, when customer opens PDF Invoice in Acrobat Reader and clicks on hyperlink, customer can access your website for details about the line items in the invoice. Use of embedding hyperlink are many and varied, only limited by your imagination.
- **Print to Default Windows Laser or Inkjet Printer:** Print PDF document to default Windows printer. Requires full version Acrobat 7.0 or later.
- **Runs on Windows:** Software installs on a Windows XP Prof/Vista/Win 7/2003/2008 PC as AS/400 client.
- **Virtual Printer:** Software automatically creates and starts IBM 3812 virtual printer device writer and queue on AS/400.
- **PDF Folder:** PDF files created are saved in personal computer.



SBTN3812-SCS2PDF-PDFeFormPrintServer

Up to 256 Virtual Printers transforming Spool Files to PDF Files.



- **Number of Concurrent Active OS/400 Virtual Printers at one time:** Up to 256 Concurrent Active OS/400 Virtual Printers at one time.
- **Number of Concurrent Active OS/400 Output Queues at one time:** Up to 256 Concurrent Active OS/400 Output Queues at one time.
- **Number of Concurrent Active OS/400 Writers started at one time:** Up to 256 Concurrent Active OS/400 Writers started at one time.
- **Number of Different iSeries, AS/400 Systems Connected To at one time:** Up to 256 Different iSeries, AS/400 Systems can be connected to at one time.
- **Number of PDFeForm Setups:** Up to 1,024 PDFeForm Setups.
- **Spool To PDF:** Converts, transforms AS/400 SCS Spool Files to Adobe Acrobat PDF Files.
- **Segment / Split:** Segment / Split spool file. e.g. Invoices may be split based on Invoice Number which is printed on Line Number (LN), Beginning at Column (BC), next Number of Characters (NC) in a, say, Invoice.
- **Meaningful PDF File Name:** Generate PDF File Name from Line Data. Meaningful PDF file naming schema makes it easy to identify contents of the PDF document, say, by Customer Service Representative. PDF file name format is Prefix_Part1_Part2_Part3_Suffix.pdf e.g. Prefix may be type of document, say, 'Laundry Invoice', Part1 may be, say, 'Account Number', Part2 may be, say, 'Bill To Name', Part3 may be, say, 'Invoice Number', Suffix may be, say, 'Date'. Part1, Part2, and Part3 tags are extracted from line data located on Line Number (LN), Beginning at Column (BC), next Number of Characters (NC) in a, say, Invoice.
- **Electronic Distribution:** Distribute PDF Reports as attachment using Internet Email.
- **Email to Individual - Method 1:** Email PDF Spool File to an Individual by Manually Type In Name and EmailAddress.
- **Email to Individual - Method 2:** Email PDF Spool File to an Individual by Automatically Extract Name and Email Address from line data. e.g. extract Name and Email Address, say, in Purchase Order Acknowledgement spool file line data which is printed on Line Number (LN), Beginning at Column (BC), next Number of Characters (NC).
- **Email to Individual - Method 3:** Email PDF Spool File to an Individual by Automatically lookingup Name and Email Address from Microsoft Access Database based on EmailIndexKey in the line data e.g. EmailIndexKey may be Customer Number which is printed on Line Number (LN), Beginning at Column (BC), next Number of Characters (NC) in an Invoice.
- **Email to Group - Method 4:** Email same PDF Spool File to all the recipients in a Group by Manually type in 'Group' name tag to send emails to by looking up Names and EmailAddresses in Microsoft Access database of all the members belonging to that Group. e.g. To email out Daily Sales Report, Group name tag may be 'Sales Managers', 'NorthEast Sales Region', 'FootWear' etc. etc.
- **Email to Group - Method 5:** Email same PDF Spool File to all the recipients in a Group by Automatically extracting from line data Group name tag to look up in Microsoft Access database Names and EmailAddresses of all members belonging to that Group. e.g. Group name tag may be 'Monthly Sales Report', 'Stock Status Report' which is printed on Line Number (LN), Beginning at Column (BC), next Number of Characters (NC) in a, say, Sales Report or Inventory Control Report.

- **Email Address Database:** Retrieve Email Address from Microsoft Access Database. Software comes with ready to use Access Database Table and Data Entry Form so that you can populate it, depending on your requirement, with 'EmailIndexKey', 'Name', 'Email Address', and 'Group'.
- **FTP to IFS:** Upload PDF Files to Inegrated File System Using FTP.
- **Replace Pre-Printed Form:** Electronic Form Overlay Merged with Spool File Variable Data enables replacement of pre-printed paper form.
- **Easy-to-Design JPEG Overlay:** Import industry standard JPEG images as Electronic Form Overlay objects.
- **No Proprietary Form Design Software:** You can design electronic form overlays using any readily available graphics design software e.g. Microsoft Paint, Microsoft Powerpoint, Xara X, Adobe Photoshop, Adobe Illustrator or any other desktop graphics design program and save the image as industry standard JPEG image. Built-in JPEG image processing program enables graphics-rich PDF documents. You don't require AS/400 specific proprietary forms design software to generate graphics-rich PDF documents.
- Click here to see Sample PDF.
- **Document Indexing:** Generate up to 16 Indexes per PDF Document. Save Document Indexes in Microsoft Access Database. e.g. Invoice Number may be used as Document Index and full file-path saved in a Microsoft Access Database. Software comes with ready to use Microsoft Access Database with DocumentIndex and document Information Tables so that software can automatically update it with name of the PDF document and its location - full file path.
- **Web Link:** Embed Web Link. e.g. When you email out PDFeForm Invoice, it may contain contain hyperlink, say, "http://www.yourcompany.com/invoice.htm?invoicenumber=123" Hence, when customer opens PDF Invoice in Acrobat Reader and clicks on hyperlink, customer can access your website for details about the line items in the invoice. Use of embedding hyperlink are many and varied, only limited by your imagination.
- **Print to Default Windows Laser or Inkjet Printer:** Print PDF document to default Windows printer. Requires full version Acrobat 7.0 or later.
- **Windows:** Software installs on a Windows 9X/XP/NT/2000 PC as AS/400 client.
- **Virtual Printer:** Software automatically creates and starts IBM 3812 virtual printer device writer and queue on AS/400.
- **PDF Folder:** PDF files created are saved in personal computer.
- **TCP/IP:** Requires Ethernet and TCP/IP connection.