



i4Splitt Manual

Programmer's Guide & Reference Manual

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1 Editorial/ Introduction

1.1 Editorial



i4Splitt

Manual

Edition "11/2005"

This edition applies to the licensed program *i4Splitt* Version 05.06 and to all subsequent releases and modifications until otherwise indicated in new editions.

Make sure that you are using the latest edition for this product.

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1.2 Introduction

Spoolprocessing was never been so easy!

i4Splitt splits the most complex reports and then provides the data as Excel or XML, depending on your needs.

For the definition, an easy-to-use Designer (Windows-Program) lets you proceed quickly.

The whole process is fully native on the AS400 and can therefore be executed in batch and from the command line.

2 Installation/ Licensing

2.1 Overview

This Chapter describes how to:

- [download](#) *i4Splitt* and its latest release from the internet.
- [install](#) *i4Splitt* on your System.
- [license](#) *i4Splitt* on your System.

The required [Installation of the PC-Designer](#) on your PC will be covered in a separate chapter.

2.2 Internet Download

i4Splitt can be downloaded from the internet address: <http://www.goering.de> . The file contains a compressed AS/400- resp. iSeries-Backup-File with all necessary objects for running *i4Splitt*.

There are 2 ways to install *i4Splitt*:

- a) Using the [BRAVO Reader](#)
- b) Installation of the SAVF using [FTP](#).

We recommend option a) because the technical support by Symtrax is very professional!

Information about the latest *i4Splitt* release level can be found at <http://www.goering.us>

2.3 Preparations

1. Extract the (.zip) Download-File

If you do not already have a utility to unzip archived files, we recommend the application Winzip, which can be downloaded from the internet

<http://www.winzip.com>

After the extraction, you will have either (separate from the execution) the file I4SPLIT.BRV or (using the FTP variant) I4SPLIT.SAV.

2. Verify that the FTP-Service on your AS/400 i.e. iSeries is active or start it.

Use the AS/400-command: STRTCPSVR SERVER(*FTP) to start the service

3. Update

If you want an update for your existing *i4Splitt* installation, please rename your current library I4SPLIT to I4SPLITOLD.

Use the AS/400-command: RNMOBJ OBJ(I4SPLIT) OBJTYPE(*LIB) NEWOBJ(I4SPLITOLD)

The installation program recognizes this library and adopts all the settings from it.

2.4 BRAVO Reader Version

We recommend the utility BRAVO Reader. The installation is very easy and the technical support by Symtrax is very professional!

The tool BRAVO Reader can be downloaded from our website <http://www.goering.de> or directly from Symtrax <http://www.eu.symtrax.com> (free download!)

After installing the BRAVO Reader on your PC, you have to open the file I4SPLIT.BRV. Please fill out the dialog boxes as you normally would.

Please proceed to the chapter on [Licensing](#).

2.5 Installation by FTP

1. Create the backup-file on your System

Use the name I4SPLIT and the AS/400-command:
CRTSAVF FILE (QGPL /I4SPLIT) AUT(*ALL)

Open a DOS Window on your PC and change into the subdirectory which contains the ASCII file I4SPLIT.SAV ([see chapter Installation-Preparations](#)) .

2. Sign on to your System AS/400 resp. iSeries.

*Note that the name "AS400" will be used for the name of your system AS/400 resp. iSeries and the color blue for all responding messages from the FTP.

```
FTP AS400
Connected with AS400
220-QTCP at AS400.FIRMA.DE
220 Connection will close if idle more than 5
minutes.
User (AS400: (none)): USER
331 Enter Password
Password PASSWORD
Note that neither the password will be shown nor will the cursor move
during entry.

230 USER logged on.
```

3. Change into the binary mode

```
FTP> binary
200 Representation type is binary IMAGE.
```

4. Change the naming format

```
FTP> quote site namefmt 1
250 Now using naming format "1".
```

5. Change to the library QGPL of your System AS/400 resp. iSeries

```
FTP> cd_/qsys.lib/qgpl.lib
250 "QSYS.LIB/QGPL.LIB is current library.
```

6. Start the transfer from PC to the AS/400 resp. iSeries

```
FTP> put I4SPLIT.SAV I4SPLIT.SAVF (replace)
200 PORT subcommand request successful.
150 Sending file to member I4SPLIT.SAV in file
I4SPLIT.SAVF in library QGPL.
Note that the transfer time will take a few minutes.

250 File transfer completed successfully.
FTP 123456789 Bytes sent in 98.76 seconds 54.321
KB/Sec.
```

7. Terminate the FTP-Session on the System AS/400 resp. iSeries.

```
FTP> quit
221 QUIT subcommand received.
```

8. Close the DOS command entry window.

The transfer to your System AS/400 i.e. iSeries is complete.

9. Create the *i4Splitt*-Objects on the System AS/400 resp. iSeries

Using the AS/400-command: RSTLIB SAVLIB (I4SPLIT) DEV (*SAVF) SAVF (QGPL/I4SPLIT)

Please proceed to the chapter [Licensing](#).

2.6 Installation Of The PC-Designer

After calling SETUP.EXE you will be guided through a dialog..

You can accept all proposed values or but you can also overwrite them as needed (i.e. a different installation directory).

2.6.1 Licensing

1. Add the library to your Library Searchlist in your Session

Use the AS/400-command: `ADDLIB I4SPLIT`

Installation of *i4Splitt* is now complete and, after entering the license-key, ready for execution.

2. Call the licensing for *i4Splitt*

Use the command: `CALL I4ICODE`

3. Note the system specifications of your AS/400.

The *i4Splitt* licensing display will indicate the

- a) Serial-No.,
- b) Model-No. and
- c) Processor-No.

of your AS/400 i.e. iSeries. If you don't already have a license key, please send the system information in an e-mail to: info@goering.de. You will receive your *i4Splitt* license key within 24 hours via e-mail.

The quickest way to get your license code (to receive a license within 30 minutes!) is to input your system specifications on the Download web page at <http://www.goering.de>. If you fail to enter the system specifications when downloading, you can revisit the page, enter the system information and select the button "Code Only".

4. Enter your *i4Splitt* license key

Use the command : `CALL I4ICODE`

Enter the license key and press the **Enter Key**. *i4Splitt* is now ready to run. Please note that the program tolerates only three repeated attempts of false license keys entries per day.

Further attempts will cause a deactivation of the *i4Splitt* licensing for the rest of each day.

3 The Program i4Splitt

3.1 Application Flow

1. [A spool file will be created](#) with an existent application program.
2. [Call the Excel-Generator](#) with command IXLSGENSPL (AGSPLF Option E2).
Note: The command IXLSGENSPL can be started from any CL-program or directly from the command line.
3. [Start Data Import from PC-Designer](#).
4. In the PC Designer, [the areas, the relationship of the areas, and the fields](#) will be defined.
5. After the backup of the definitions [the transmission and the subsequent processing on the AS/400](#) is carried out.
6. [Optical conditioning of the report](#)
7. [Tabular conditioning](#)

3.2 Preparations

For an easier handling with the WRKSPLF-substitute "AGSPLF" create, if inexistent, some new options. Please call AGSPLF and press the function key **F16**.

Check if shortcuts **E2**, **E3**, **E4** are defined as follows, if necessary, please create the options:

Option E2 Value to change to

Command ? IXLSGENSPL SPOOLFILE(&F) JOB(&B/&U/&J) SPLNBR(&N)
SPLDFN(*DEFINE) ADDON(*I4SPLITT) TOXLSF('&F&N.XLS')

Option E3 Value to change to

Command ? IXLSGENSPL SPOOLFILE(&F) JOB(&B/&U/&J) SPLNBR(&N)
SPLDFN(*EDIT) ADDON(*I4SPLITT)

Option E4 Value to change to

Command ? IXLSGENSPL SPOOLFILE(&F) JOB(&B/&U/&J) SPLNBR(&N)
SPLDFN(*USE) ADDON(*I4SPLITT) SPLITTOUT(*SELECT)
TOXLSF(&F.XLS) I4CLIENT(&I)

Identify/ create another directory for the data transmission to the PC:

CRTDIR '/i4splitt'

4 Example

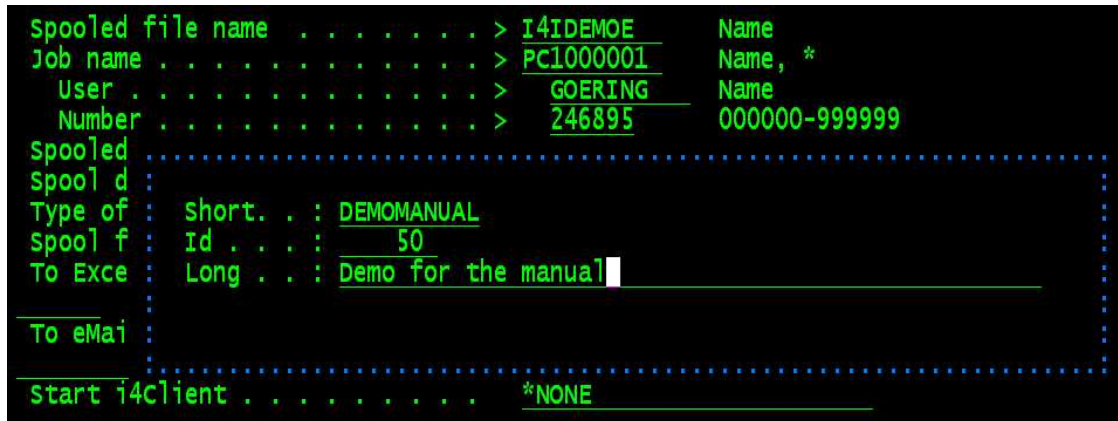
4.1 Create a Spool file

The user creates a spool file with an existent application program.

In the following example, create the spool file with the command: CALL
I4IDEMOE

4.2 Call the Excel-Generator

Call the Excel-Generator with command IXLSGENSPL (AGSPLF Option E2). Press ENTER 3 times, as soon as there appears a windows as follows.. Enter Design-Id and Short-/ Long description here (Please memorize the short description, it will be needed later!)



The screenshot shows a terminal window with the following text and input fields:

```
spooled file name . . . . . > I4IDEMOE      Name
Job name . . . . . > PC1000001      Name, *
User . . . . . > GOERING      Name
Number . . . . . > 246895      000000-999999

Spooled
Spool d :
Type of : short. . : DEMOMANUAL
Spool f : Id . . . : 50
To Exce : Long . . : Demo for the manual
To eMai :

start i4client . . . . . *NONE
```

Fig.1

Note: The command IXLSGENSPL can be started from any CL-program as well as directly from the command line.

4.3 The PC-Designer

4.3.1 Start Data Import

In the PC-Designer, start the Data Import with the Menu-Button „Get Data from Host“.

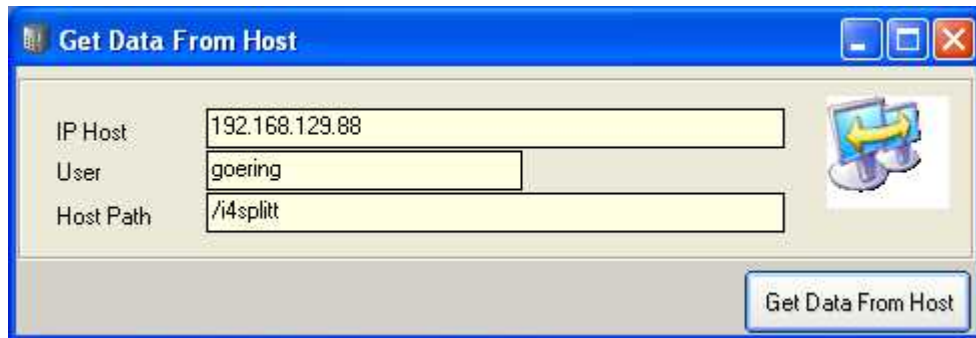


Fig.0.20

4.3.2 Select Identify & Design

First, press the button "Identify & Design" and then "Load Design".

There, define the areas, the relationship between the areas and the fields.

- [Definition of the areas](#)
- [Definition of the relationship between the areas](#)
- [Definition of the fields](#)

4.3.3 Definition

4.3.3.1 Definition of the Areas

Definition of the area 10

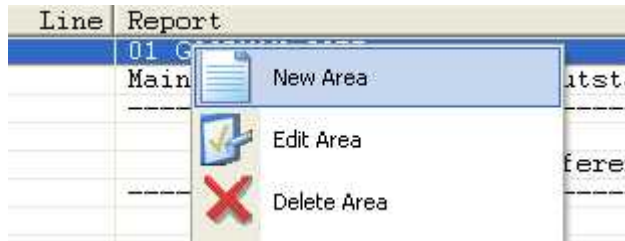


Fig. 0.30

- click to the line with " GOODMAN CORP.",
- then use the right mouse button to choose "New Area" from the menu,
- create a new Area with Name "Company"

This is the header line, which is always at position 1. To be able to cover lists with several companies, if necessary, it is selected as a criteria on the 2-figure company number. Hence, the following settings are used:

- "Criteria" - press button „New", automatically defaults to index "1"
- "Content" - leave blank, scan"
- "Field Format"- enter ## , which stands for any figure result with 2 places,
- "Line from" - enter 1 to 1,
- "Position" - enter 1 .

Update Areas

Area Number 10

Name Company

Fixed Lines 1

Criteria 1 New Delete

Content Scan

Field Format ##

Page From 1 To 99999

Line From 1 To 1

Pos. In Line 1

☐ Relative

Save

Fig. 0.40

Additional Information: Beside the #-Char, there is also the special format "*BLANKS". If after a space and "*NONBLANKS" used if a line with any signs (only non-blank) should be selected.

Definition of the area 20

- Click on the line with "Main account",
- Right-click, „New Area" ...,
- enter the name "Collective account"

As criteria for the identification, the string "Main account" is fixed. To do this, use the "magnifying glass symbol", then select the whole chain and click the button with the badge to confirm.



Fig. 0.50

The contents are automatically filled in. In addition, the position is also put equally correctly.

Definition of the area 30

Next comes the header block. This begins the first line with dashes.

- "Area of Name" enter "Heading",
- "Fixed Lines" enter 4,
- "Content Scan" as a criteria select some dashes, for example "-----",
- "Line From""to" Define this area with line from 3 to 3.

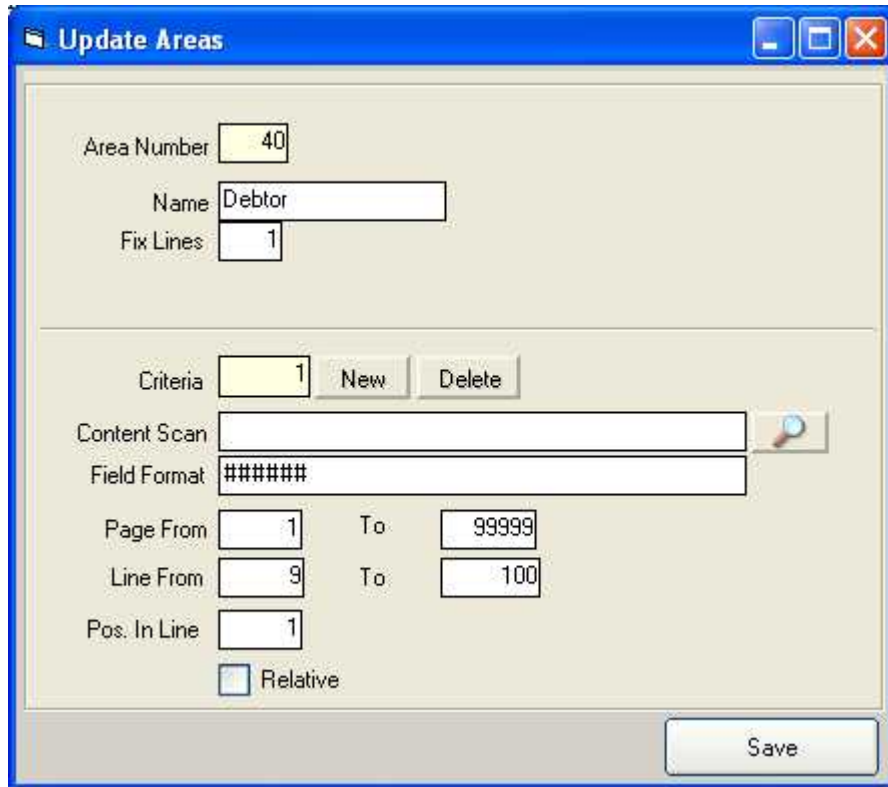
The screenshot shows a Windows-style dialog box titled "Update Areas". It contains the following fields and controls:

- Area Number:** A text box containing the value "30".
- Name:** A text box containing the value "Heading".
- Fix Lines:** A text box containing the value "4".
- Criteria:** A text box containing the value "1", followed by "New" and "Delete" buttons.
- Content Scan:** A text box containing a series of dashes "-----", with a magnifying glass icon to its right.
- Field Format:** An empty text box.
- Page From:** A text box containing "1".
- To:** A text box containing "99999".
- Line From:** A text box containing "3".
- To:** A text box containing "3".
- Pos. In Line:** A text box containing "26".
- Relative:** A checkbox that is currently unchecked.
- Save:** A button at the bottom right of the dialog.

Fig.0.60

Definition of the area 40

The area with the name "E.A." is defined as "debtor". The criteria is here the account number at the beginning, with a format of #####, Position 1



The screenshot shows the 'Update Areas' dialog box with the following fields and values:

- Area Number: 40
- Name: Debtor
- Fix Lines: 1
- Criteria: 1 (with 'New' and 'Delete' buttons next to it)
- Content Scan: (empty text box with a magnifying glass icon)
- Field Format: #####
- Page From: 1 To: 99999
- Line From: 9 To: 100
- Pos. In Line: 1
- ☐ Relative
- Save button

Fig.0.70

Definition of the area 50

- The next area is the "Document". This distinguishes itself by 2 fixed lines.
- The criteria is a 6-digit number (format #####) starting from position 4.
- As a line, enter "1 to 1" and click "Relative". This means that the info follows to an other area one line after another (the relation to the other area is defined later)

The screenshot shows a Windows-style dialog box titled "Update Areas". It contains the following fields and controls:

- Area Number:** A text box containing the value "50".
- Name:** A text box containing the value "Document".
- Fixed Lines:** A text box containing the value "2".
- Criteria:** A text box containing the value "1", followed by "New" and "Delete" buttons.
- Content Scan:** An empty text box with a magnifying glass icon to its right.
- Field Format:** A text box containing the value "#####".
- Page From:** A text box containing the value "1".
- To:** A text box containing the value "99999".
- Line From:** A text box containing the value "1".
- To:** A text box containing the value "1".
- Pos. In Line:** A text box containing the value "4".
- Relative:** A checkbox that is checked, with the label "Relative" next to it.
- Save:** A button located at the bottom right of the dialog.

Fig.0.75

Definition of the area 60

The last area has the sum block with 2 lines.

- Area name "Total".
- Criteria: "Total", is best selected with the magnifying glass.
- Line 1 to 1, relatively

Update Areas

Area Number 60

Name Total

Fixed Lines 2

Criteria [dropdown] New Delete

Content Scan Total

Field Format

Page From 1 To 99999

Line From 1 To 1

Pos. In Line 50

☒ Relative

Save

Fig.0.80

Overview of the created area definitions

Store the already created definitions with the button "Save".
For control purposes, the following settings are used:

Line	Area	Line	Report
1	10	1	01 GOC
2	20	1	Main
3	30	1	-----
4	30	2	It
5	30	3	Nr
6	30	4	-----
7			
8			
9	40	1	611057
10	50	1	048
11	50	2	
12			050
13			
14	60	1	
15	60	2	
16			

Fig.0.90

4.3.3.2 Definition of the Relationship between the Areas

Define the relationship between the areas.

Either double click or right-click to get to the Menu and select „define area relation“.

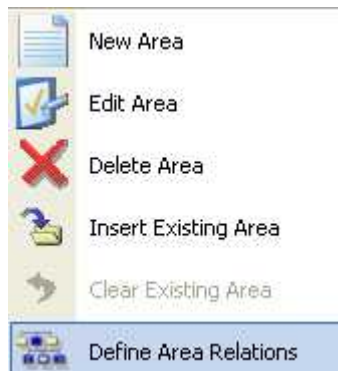


Fig.1.00

Now fix the entries (click on "New" and after every entry, click "Save"):

Predecessor "Debtor" successor "Document" priority 1

Predecessor "Document" successor "Document" priority 1

Predecessor "Document" successor "Total" priority 2

Design Id: 50
Short Name: DEMOMANUAL
Description: Demo for the manual

New Delete

Parent Area	Area Child	Priority
Debtor	Document	1
Document	Document	1
Document	Total	2

Parent Area: Company
Area Child: Company
Priority: 1

Save

Fig.1.10

4.3.3.3 Definition of the Fields

1. Select the **Area 20 "Main account"** and then select the entry „New field" from the menu.

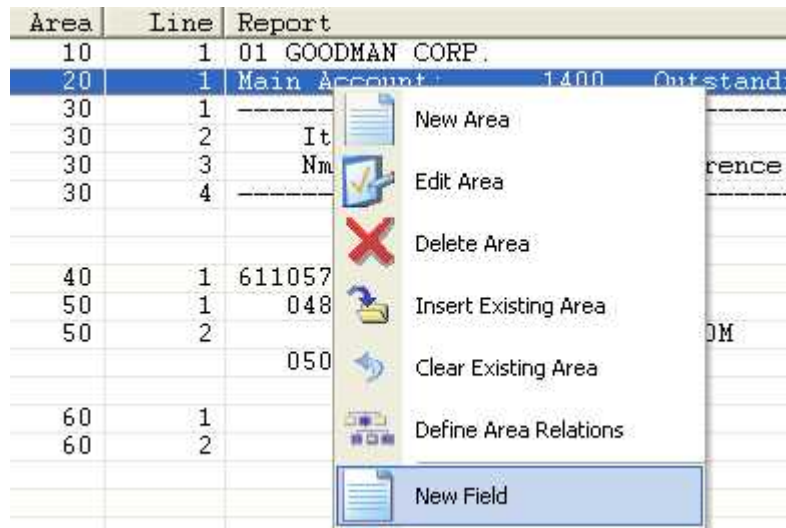


Fig.1.20

With magnifying glass, select "Main account". The from/ to values as well as field type are automatically determined. Cell names must be entered by hand. Enter "TxtMainAccount" and save.

The 'New Field' dialog box is shown. It has a title bar with a magnifying glass icon and the text 'New Field'. The dialog contains the following fields:

- Area Number: 20
- Field ID: 1
- Field Name: TxtMainAccount
- Line: 1
- Pos.Start: 1 To 12
- Lenght: 12
- Type: Alphanumeric
- Format: (empty)
- Fraction Num.: (empty)
- Save button

Fig.1.30

The program remains in the Capture mode.

- Select "1400" and enter "MainAccountNr" as the field name.
- Select the text „Outstanding domestic" as the last and give to the field the name "MainAccountDesc".
- We close this capture mask by "X" in the right upper corner.
- Now back to the Spool view, the current line with an emphasis appears in the lower margin where field definitions exist:

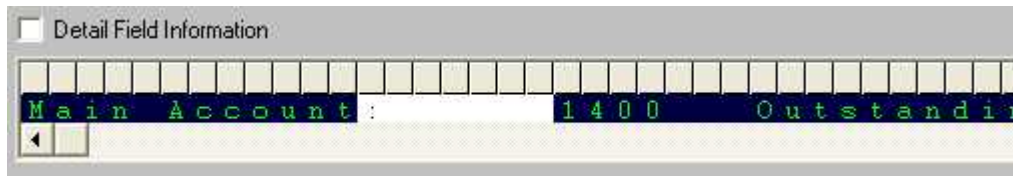


Fig.1.40

2. Next, define the **header fields**:

Double-click on the 2nd. line of the range and select again from the menu „new field ". Then you can choose the following fields:

select first "Item" - name "HdDocnr1"

select second "Item" - name "HdDate1"

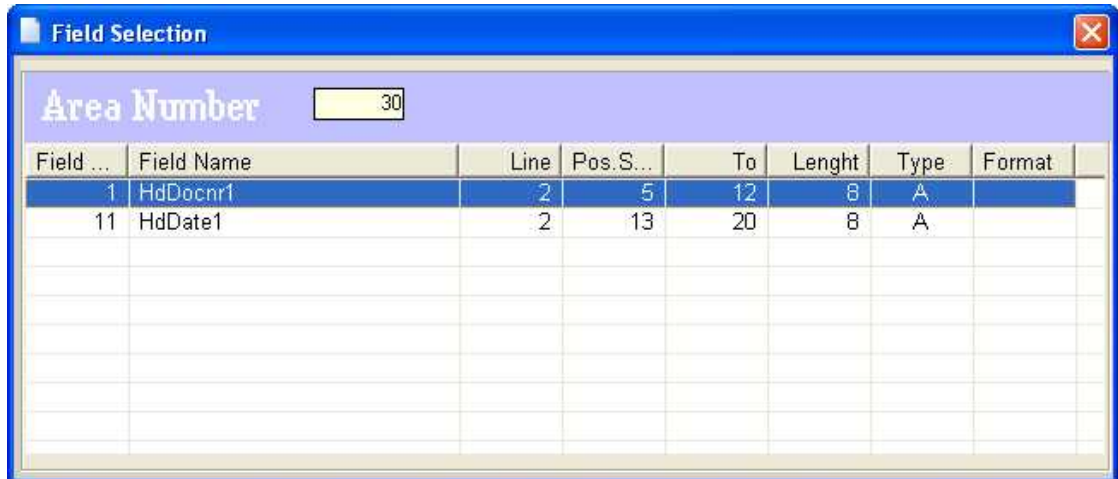
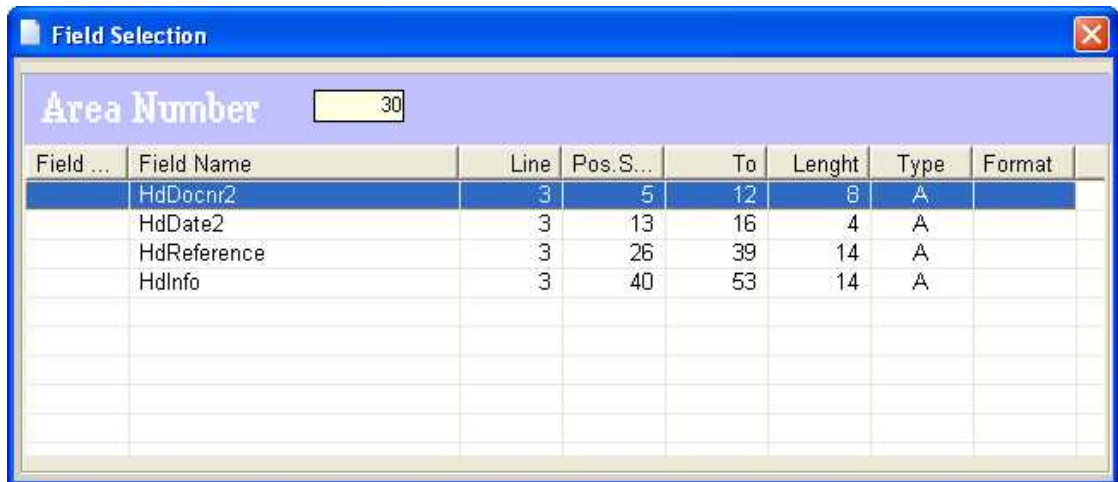


Fig.1.60

Further, with the 3rd line:

select "Nmbr."	- name „HdDocnr2"
select "Date"	- name „HdDate2"
select "Reference"	- name „HdReference"
select "Information"	- name „HdInfo"

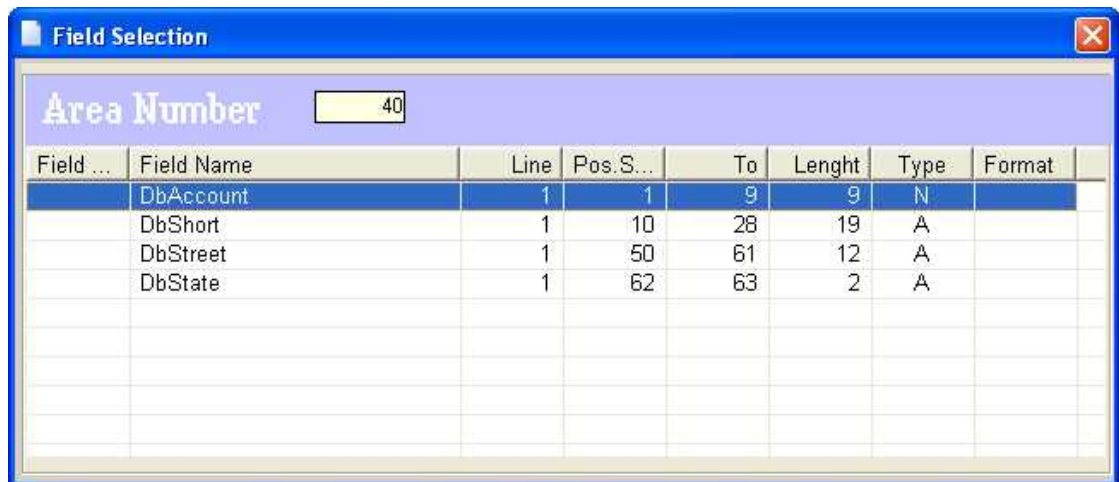


Field ...	Field Name	Line	Pos.S...	To	Lenght	Type	Format
	HdDocnr2	3	5	12	8	A	
	HdDate2	3	13	16	4	A	
	HdReference	3	26	39	14	A	
	HdInfo	3	40	53	14	A	

Fig. 1.70

3. Then, with area 40:

- | | |
|---------------------------|---------------------------|
| select the account number | - assign name „DbAccount" |
| select "E.A." | - assign name „DbShort" |
| select "Sunset Blvd." | - assign name „DbStreet" |
| select "TX" | - assign name „DbState" |



Field ...	Field Name	Line	Pos. S...	To	Lenght	Type	Format
	DbAccount	1	1	9	9	N	
	DbShort	1	10	28	19	A	
	DbStreet	1	50	61	12	A	
	DbState	1	62	63	2	A	

Fig. 1.80

4. The area 50:

Select Document number - assign name „DocNr“

Select Date - assign name „Date“ – type "date" and format "MDYY"

Area Number 50							
Field ...	Field Name	Line	Pos.S...	To	Lenght	Type	Format
	DocNr	1	4	10	7	N	
	Date	1	11	20	10	D	MDYY

Fig. 1.90

In line 2, please select the reference "M-260M" and assign name "Reference"

Additional Information:

Range 50 is used several times, so check if the settings will also work for the other areas.

- In addition, go to the 2nd document (line with 050219), and select by double clicking „insert existing ranges“.
- Select range 50, with both lines.
- In the lower display margin, select the option „Detail Field information“. The contents and the defined ranges are displayed and highlighted. Now click on line 2.
- Notice that the text with the booking entry text has not yet been selected. Go back to the "field-new" function and define the missing field "BookingInfo". Now everything is selected.

5. Now area 60:

select "Total" - assign name „TxTotal"

select "USD" - assign name "Currency"

the first amount (bytes 97 to 108)- assign name "Debit", with "Fraction" "2"

the second amount (115 bis 124)- assign name "Credit", also with "Fraction" "2"

With the amounts, the exact lengths do not have to be set, because you may want to be able to handle larger amounts later. The definition should always be created keeping in mind future needs.

Area Number <input type="text" value="60"/>						
Field ...	Field Name	Line	Pos. S...	To	Lenght	Type
	TxTotal	1	50	56	7	A
	Currency	1	62	66	5	A
	Debit	1	94	108	15	N
	Credit	1	112	124	13	N

Fig. 2.00

With the second line:

Area Number <input type="text" value="60"/>						
Field ...	Field Name	Line	Pos. S...	To	Lenght	Type
	TxCross	2	50	56	7	A
	CrossDebit	2	92	108	17	N

Fig.1.50

Go to [the Designer-Part of the Application](#) by clicking on „Design".

4.3.4 Design

A Default Design id is already generated, so now relate the areas and fields. Click on the "Add Area and fields" buttons on the Designer to get to the field level.

Click on "Add All Fields" and select the first area which you would like to include. All fields of the range are automatically included.

Start with area 20. You have not defined any fields for range 10, so repeat the process for all ranges from 30 to 50 (range 60 is left out on purpose).

Now all the desired fields are in the list. To start with a basic formatting, enter the fields the following (update is to be confirmed with save each time):

Field	Page Break
--------------	-------------------

„TxtMainAccount"	„Before"
------------------	----------

Number of break lines: 2.

This causes a 2 line feed before that field is carried out and the field is immediately positioned on column 1. (see also Fig.2.10)

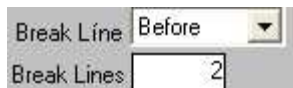


Fig.2.10

„MainAccountDesc" (Area 20 Id 21)	Break „After" this causes the following fields placed in column 1 on next line.
„HdDate2" (Area 30 Id 31)	Break „Before"
„HdInfo" (Area 30 Id 51)	Break „After"
„DbAccount" (Area 40 Id 1)	Break „Before"
„Docnr" (Area 50 Id 1)	Break „Before"

All entries are done for the first design.

Now transmit the data to the AS/400.

In the main menu, select the button „Put Data To Host“.

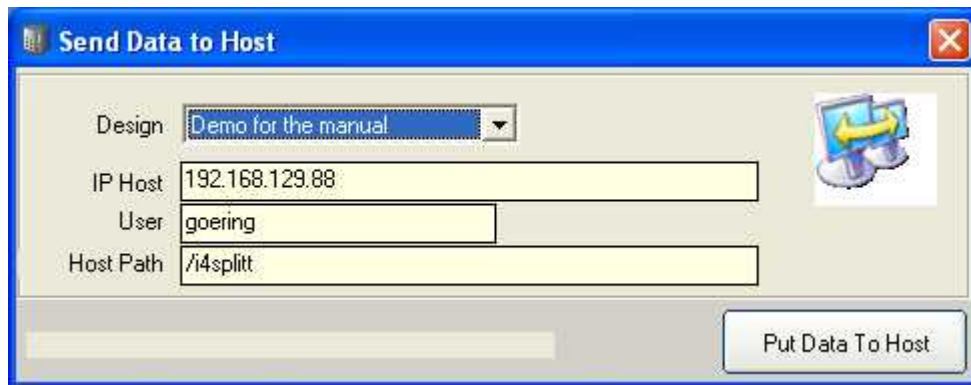


Fig.2.20

The message „ files send successfully" confirms that data was transmitted. Continue to [work with the data on the AS/400](#).

4.4 The Transmission and the Subsequent Processing on the AS/400

On the AS/400, select the command I4IGETPCD to takeover in the live environment. The command has no parameters.



```
==> i4igetpcd
```

Fig. 2.30

Now test the settings:

- With AGSPLF, select the Spool with option **E4**.
- With basic settings *SELECT, a list of the available definitions is displayed. Select the current one. In our case, "DEMOMANUAL".
- The same is true for the output design. Here, only the default is available.
- The result looks like this:

2	Main Account	1400	Outstanding Domestic	
3	Item	Item	Nmbr.	
4	Date	Reference	Information	
5	611057	E.A.	Sunset Blvd.	TX
6	48589	03/14/2002	M-260M	
7	50219	05/22/2002		ROP as reported 4/03
8	611135	ALFA	Steel	MX
9	56469	03/17/2003		Several
10	56845	03/04/2003	S-221	
11				
12				
13	Main Account	1401	Outstanding Foreign	
14	Item	Item	Nmbr.	
15	Date	Reference	Information	
16	621057	IDEAL STANDARD	WEST END	CA
17	84504	05/08/2002	A-886M	
18	85633	01/02/2004		ROP as agreed 4/03
19	611135	ALFA BETA	STEEL	MX
20	56469	07/03/2003		Several
21	56845	03/04/2003	S-221	

Fig.2.40

[Here you can see how the report can be visually optimized.](#)

[Here you can see the tabular conditioning.](#)

4.5 Visual Optimization of the Report

Here, we can improve the look of the output:

- The title with the main account with 15pt and boldface;
- the header range in bold;
- the line with account and address in italics

At the Designer, add a new output design with a copy of the existing default. After pressing the button "Copy Design" and answering the following question with "Yes", change the description of this new design as displayed:

Output Design Update

Design Id: 50
Short Name: DEMOMANUAL
Description: Demo for the manual

New **Copy Design** **Delete** **Add Area and fields**

Short Name	Description
DEMOMANUAL	DEFAULT
OPTIC	optically improved

Out Design ID:
Out Description: DEFAULT
Short Name: DEMOMANUAL

Styles

Save

Fig.2.50

To define the 3 styles, make sure "OPTIC" is marked and then press the "Styles" button which brings you to the style management:

- Bold with Font Arial, Font size 10, attribute Bold
- Bold15 with Font Arial, Font size 15, attribute Bold
- in italics with Font Arial, Font size 10, attribute in italics

Styles Definition

Design Id: 50 Description: Demo for the manual
 Out Design ID: 10 Out Description: optically improved

New **Delete**

Style N...	Style Desc	Font Name	Font Si...	Font Effects
bold	10pt Arial bold	Arial	10	Bold
bold15	15pt Arial bold	Arial	15	Bold
italics	10pt Arial ital...	Arial	10	Italic

Style Name: bold
 Style Desc: 10pt Arial bold
 Font Name: Arial
 Font Size: 10
 Font Effects: Bold

Save

Fig.2.60

Now, associate the styles to the output designs details

- Fields of area "Main Account" assign "bold15",
- Fields of area "Heading" assign „bold“,
- Fields of area "Debtor" assign "italics"

Detail Field Information

Design ID: 50 Short Name: DEMOMANUAL Out Design ID: 10 Short Name: OPTIC
 Description: Demo for the manual Out Description: optically improved

Detail Field Information

ID	Description	Field...	Field...	Field Name	Line	Pos.Start	To	Length	Type	Fracti...	Format	Ignore...	Break...	Column
30	Heading	51	51	HdInfo	3	40	53	14	A				A	
40	Debtor	1	1	DbAccount	1	1	9	9	N				B	
40	Debtor	11	11	DbShort	1	10	28	19	A					
40	Debtor	21	21	DbStreet	1	50	61	12	A					
40	Debtor	31	31	DbState	1	62	63	2	A					
50	Document	1	1	DocNr	1	4	10	7	N				B	
50	Document	11	11	Date	1	11	20	10	D		MDYY			

Area Number: 40 Field ID: 31 Field Name: DbState Field Seq: 31 Line: 1 Column: 62 Pos.Start: 62 To: 63 Length: 2 Type: Alphanumeric Format: Fraction Num.: Occurrence: Break Line: Break Lines: Ignore Flag: Repeat Parent: Style: italics

Save

Fig.2.70

Testing what has been done:

- The upload to the AS/400 is done with the button „send data to host“
- On the AS/400: execute Command I4IGETPCD.
- Testing with the option E4, then select Design-Short OPTIC from the list.
- Testing with the Design-Short OPTIC

This creates a file looking similar to the example below:

2	Main Account	1400 Outstanding Domestic		
3	Item	Item	Nmbr.	
4	Date	Reference	Information	
5	611057	E.A.	Sunset Blvd.	TX
6	48589	03/14/2002	M-260M	
7	50219	05/22/2002		ROP as reported 4/03
8	611135	ALFA	Steel	MX
9	56469	03/17/2003		Several
10	56845	03/04/2003	S-221	
11				
12				
13	Main Account	1401 Outstanding Foreign		
14	Item	Item	Nmbr.	
15	Date	Reference	Information	
16	621057	IDEAL STANDARD	WEST END	CA
17	84504	05/08/2002	A-886M	
18	85633	01/02/2004		ROP as agreed 4/03
19	611135	ALFA BETA	STEEL	MX
20	56469	07/03/2003		Several
21	56845	03/04/2003	S-221	

Fig.2.80

4.6 Tabular Conditioning

Another output option is the table format, which is suited especially for later evaluations with auto-filter and sorting in Excel.

Create another new design "TABLE" in PC Designer.

- Identify&Design
- Design
- New
- Give the short "TABLE"
- Description "table design"

Add only the fields which really contain data and no headers etc.:

Click the button "Add areas and fields" and choose "Main Account" from the list. Only choose the fields "MainAccountNr." and "MainAccountDesc" by double clicking on them. Go back to the overview.

Select from "debtor" all fields, also from "document"

You should have set the following:

- "Main Account Nr." Break line „Before"
- "DbAccount" column „3"
- "DocId" column „9"

Then upload the definitions as before.

On the AS/400: I4IGETPCD

Re-test with the choice E4 and then Design-Short TABLE from the list.

This creates a file looking similar to the example below:

	A	B	C	D	E	F	G	H	I	J	K
1											
2	1400	Outstanding Domestic	611057	E.A.	Sunset Blvd.	TX			48589	03/14/2002	M-260M
3									50219	05/22/2002	
4			611135	ALFA	Steel	MX			56469	03/17/2003	
5									56845	03/04/2003	S-221
6	1400	Outstanding Domestic	621057	IDEAL STANDARD	WEST END	CA			84504	05/08/2002	A-886M
7									85633	01/02/2004	
8			611135	ALFA BETA	STEEL	MX			56469	07/03/2003	
9									56845	03/04/2003	S-221

Fig.2.90

A small disadvantage of the table form of the previous example is that when a line feed is done on account of a new element the virtual keys of the previous line are missing.

i4Splitt has a solution for precisely this issue:

To fix this, there is in the Designer at field level the option „Repeat Parent“.

Select the design again ("Identify&Design", then select "Design" there again "TABLE") and activate the option „Repeat Parent" with the following fields:

- "DbAccount"
- "Docnr"

Upload and then call I4GETPCD.

Testing with Design-Short TABLE.

The output is a file with a real tabular design now ready for sort/auto filtering etc.:

2	1400	Outstanding Domestic	611057	E.A.	Sunset Blvd.	TX			48589	03/14/2002	M-260M
3	1400	Outstanding Domestic	611057	E.A.	Sunset Blvd.	TX			50219	05/22/2002	
4	1400	Outstanding Domestic	611135	ALFA	Steel	MX			56469	03/17/2003	
5	1400	Outstanding Domestic	611135	ALFA	Steel	MX			56845	03/04/2003	S-221
6	1401	Outstanding Foreign	621057	IDEAL STANDARD	WEST END	CA			84504	05/08/2002	A-886M
7	1401	Outstanding Foreign	621057	IDEAL STANDARD	WEST END	CA			85633	01/02/2004	
8	1401	Outstanding Foreign	611135	ALFA BETA	STEEL	MX			56469	07/03/2003	
9	1401	Outstanding Foreign	611135	ALFA BETA	STEEL	MX			56845	03/04/2003	S-221

Fig.3.00

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