

# Tutorial Validoc



This tutorial explains the fundamental steps to create a first AS/400 graphic print using Validoc.

Follow this tutorial after completing at least the installation of the AS/400 component and the installation of Validoc Designer.

# Tutorial Validoc



The steps to perform are:

- Definition, in the AS/400 context, of a print to be used for the first test
- Creation of graphics combined with printing with Designer
- Transmission of graphics to the AS/400 and first sending of the graphic print to the printer

# Tutorial Validoc



Log in to the Validoc menu with the user VALIDOCU and password VALIDOCU.

To change the language to be used as the interface, you have to choose the point 7 (“Parametri Gestore”) of the menu, press F10, go down to the field “Lingua Interfaccia Video”, press F4 and select with the “I” option “English”. Press F6 to save the selection.

```
VALIDOC                               11/12/23 14:16:09
VD
1. Gestione Code
3. *VD150R* Parametri Gestore 14:17:42 11/12/23
4. Ges Parametri di Avvio / Esecuzione / Chiusura
5. Ges Profilo Utente.....: VALIDOCU
6. Ges Descrizione Lavoro.....: VALIDOCJJD Libreria VALIDOC
7. Par *VD155R* Manutenzione Parametri Generali 14:18:19 11/12/23
8. Cod Correggi salto riga iniziale.....: S (S/N) Mantieni Utente originale...: N (S/N)
9. Ins Forza la risoluzione di stampa...: S (S/N) Mantieni Tipo Modulo orig...: N (S/N)
25. Men Contenuto dei Dati Utente .....: 2 1=Originale 2=Pgm Trattam. 3=ID Utente
90. Sco Mem. Flag Esclusione Trattamento : 1 1=in Dati Utente (USRDTA)
Modality di Acquisizione..... Visual. Stato Elaborazione Spool.: 2 1=No 2=nei Dati Utente(USRDTA)
Coda lavori di Avvio/Chiusura 3=nel Tipo Modulo (FORMTYPE)
Riorg. Files in Chiusura..... Dicitura Stato Elaborazione.....: <VD> *Elab
Pulizia Log Trasm. in Chiusura Trattamento parametro SAVE(*YES)..: 1 1=SAV 2=HLD
Msg dati utente se HLD.....: 1 1=No 2=SAVE inizio Dati Utente(USRDTA)
3=SAV in fondo (USRDTA) 4=SV
AVVIO.....: Code Page Default.....: 280 ITALIA
CHIUSURA.....: Carattere Sostituzione Code Page.:
Lingua Interfaccia Video.....: ITALIANO
Carattere di Sostituzione Nomi PC.: ( Non ammessi: \/:*?<>| )
Tipo Server invio Mail di default: 1 1 = SMTP 4 = PEC
Tipo FAX di default.....: VD VD=Validoc ZF=ZetaFax
Richiesta Tipo Fax in immissione : S (S/N)
Mesi mantenimento immagini dinam.: 000 Elimina "Null" finali.....: N (S/N)
Tipo Visualizzazione Doc.....: 2 1=Strpcmd / 2=DisplayDoc
F3=Fine F6=Salva sched. F7= F9=Param. F.Grafica F10=Param
```

F10 Parameters

Languages selection

# Spool Management

To define a new spool to manage with Validoc, go to the main menu and choose option 3. From the “Spool Management” screen, press F6 to create a new spool.

```

VALIDOC                               Menu' Validoc Management                11/12/23  14:24:44
VD

1. Queue Management
3. Spool Management
4. Overlay Management
5. Soft Font Management
6. Barcode Management
    
```

Spool definition to manage

```

*VD160R*                               Spool Mainten.                            14:27:03  11/12/23
Com/DocType Selection: ____ : / ____
2=Change  3=Copy  4=Delete  I=Id Spool  0=Overlay  C=Queue  T=Detail  P=Steps  A=Exports  R=Parameters
E=Example  M=References  S=Print
Opt Spool      Description                Com Typ Overlay BW  Overlay Col  Id Det Que.  Crea  Email  Lab  Referen.

===> 3
    
```

F6 to insert a new spool

```

F3=End Job      F6=New Item      F14=Spool unmanaged  F15=Proof Print
End list reached
    
```

# New Spool

Set the name and description for the new spool and save it by pressing enter.

```
*VD160R*          Insert Spool Name          14:33:48  11/12/23
```

Spool Name.....: TESTVD

Description.....: TEST SPOOL

Company.....: \_\_\_\_\_ :

Document Type...: \_\_\_\_\_

F3=End Job

Set the name of the print to be treated with Validoc. The spool name must be the same as the printout generated on the AS/400, so you must use the spool name that appears in the "File" column when viewing printouts with the WRKSPLF (view user printouts) command.

```

Gestione di tutti i file di spool

Immettere le opzioni e premere Invio.
1=Invio      2=Modif.   3=Congelamento  4=Cancel.   5=Visualizz.   6=Ril.
7=Messaggi  8=Attributi  9=Gestione stato stampa

Opz  File      Utente      Unità o      Dati ut.  St.  Pag  Pag  Cop.
   _  TESTVD    VALIDOCU    QPRINT      St_Esempio RDY   1    att  1
   _  TESTVD    VALIDOCU    QPRINT      St_Esempio RDY   1    att  1

Parametri per opzioni 1, 2, 3 o comando
===> _____
F3=Fine  F10=Vis 4  F11=Vis 2  F12=Ann.  F22=Stampanti  F24=Altri tasti
    
```

Fine

# Loading Example

Return to the “Spool Management” with F3 and choose the E option to insert a print example to the newly created spool.

- The option allows you to search the print queues for a example of the print you want to import into Validoc and set it as an example.

```

*VD160R*                               Spool Mainten.                               14:27:03  11/12/23
Com/DocType Selection: ___ : / ___
2=Change   3=Copy   4=Delete   I=Id Spool  O=Overlay  C=Queue T=Detail  P=Steps  A=Exports  R=Parameters
E=Example  M=References S=Print
Opt Spool      Description                Com Typ Overlay BW  Overlay Col  Id Det Que.  Crea  Email Lab  Referen.

The “E” option to match the example to the spool.

F3=End Job      F6=New Item      F14=Spool unmanaged  F15=Proof Print
End list reached
  
```

# Loading Example

Fill in the spool identification data using the F8 or F9 function keys or by typing them directly in the appropriate fields.

- If you use the F9 key you will be asked for the print queue to take the spool from, so use option 1 (one) to choose the spool from the displayed list. F8 shows the user's printouts.

```

*VD220R*      Example Import      14:37:37  11/12/23

TESTVD      SPPOOL DI TEST VALIDOC

Job . . . . . : _____      File . . . . . : TESTVD
User . . . . . : _____      Spool Number . . . : 000000
Number . . . . : 000000
    
```

Use F8 or F9 to easily search for the sample printout.  
 F8 to access a user's printouts  
 F9 to access printouts in a print queue

F3=End Job    F6=Start    F8=VWrksplf    F9=VWrkoutq

# Loading Example

- Once the required data has been entered, press F6 to acquire the indicated spool.
- The example will be copied into Validoc to allow the operations of combining it with the graphics.

```

*VD220R*           Example Import           14:39:50  11/12/23

TESTVD           SPOOL DI TEST VALIDOC

Job . . . . . : QPADEV0001           File . . . . . : VD045P2
User . . . . . : VD                   Spool Number . . . . . : 000001
Number . . . . . : 149503

Use F6 to start the acquisition

F3=End Job       F6=Start  F8=VWrksplf  F9=VWrkoutq
  
```

# Check loaded example

To verify that the example has been loaded correctly, go back to “Spool Management” with F3 and choose the “P” option on the spool.

```
*VD160R*                               Spool Mainten.                               14:42:11  11/12/23
Com/DocType Selection: ___ : / TST
2=Change   3=Copy   4=Delete   I=Id Spool   O=Overlay   C=Queue   T=Detail   P=Steps   A=Exports   R=Parameters
E=Example  M=References S=Print
Opt Spool      Description          Com Typ Overlay BW  Overlay Col  Id Det Que.  Crea  Email Lab  Referen.
  TESTVD      SPOOL DI TEST VALIDOC          TST OVL TST                C (2)  E (1)

Enter the "P" ("Steps") option to verify the loading of the example.

F3=End Job      F6=New Item      F14=Spool unmanaged  F15=Proof Print
End list reached
```

# Check loaded example

If the screen with the printout chosen as an example appears, then the example import operation has been completed successfully. For this operation you need to configure the AS400 video size with 27x132. Exit with F3.

```

POSITIONING ---->> Page 1 of 5 N.Steps N.Copy
INSERT STEPS -->> LINE fr COL. fr t Operation : Comment N.Copy
*...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...0...+...1...+...2...+...
001
002 N.DOC. : 1 N.PAG. : 1
003
004 Soc. di prova
005 Viale A. Manzoni, 16
006 28100 NOVARA (ITALY)
007
008
009
010 10 4/04/23
011
012 Contrassegno
013
014 Banca di prova
015
016
017
018
019
020 1 ARTICOLO 00001 2 51,00 0% 102,00 20,40
021 2 ARTICOLO 00002 3 52,00 20% 124,80 24,96
022 3 ARTICOLO 00003 4 53,00 10% 190,80 38,16
F3=End F4=Search F6=Crc. Step F8=Steps List F9=Over. Lines F10=Steps F13=St. Capture F14=End Capture
F19=Left F20=Right F17=Default for Conditioning Test
  
```

Area with the imported sample spool

# Build graphics with the Designer

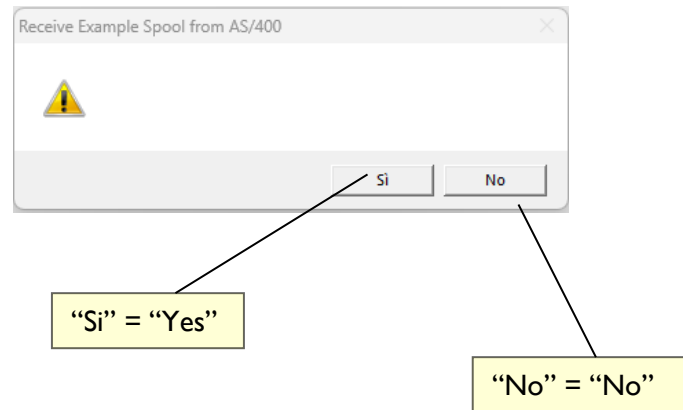
- Let's now move on to building the graphics to match the print.

The steps to perform are:

- Create the overlay
- Match the spool example loaded on As400 to the overlay you just created
- Overlay remapping
- Draw the overlay
- Sending the overlay to As400

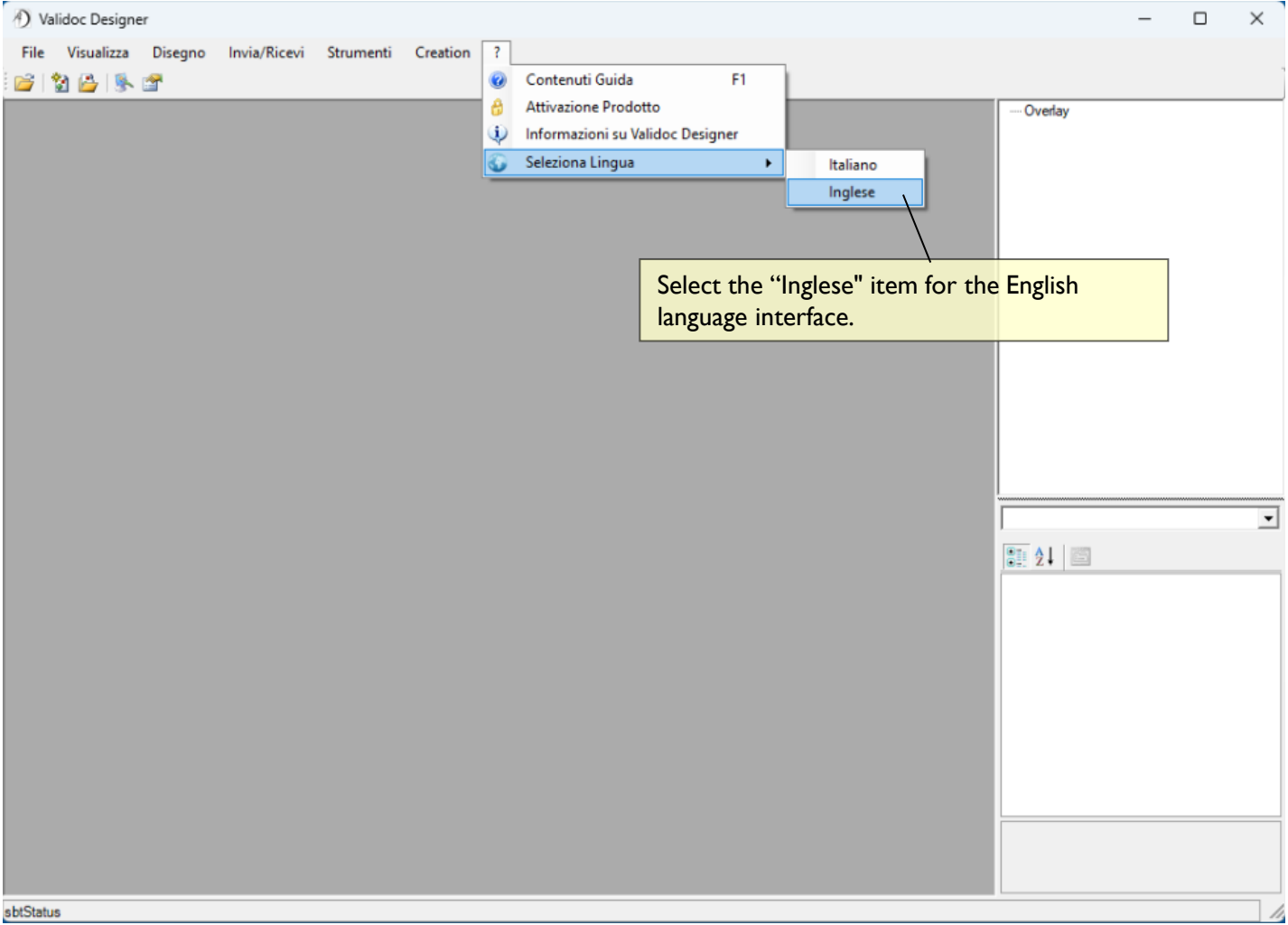
# Language

Premise: the writings on the window buttons are related to the language of the personal computer. In the slides that follow, they are displayed in Italian language, where “Si” equals "Yes", "No" equals "No", “Successivo” equals "Next“, “Salva” equals “Save” and “Annulla” equals “Cancel”. However, depending on the language of your PC, you may see words in other languages with the same meaning ("Yes," "No," "Next," and so on).



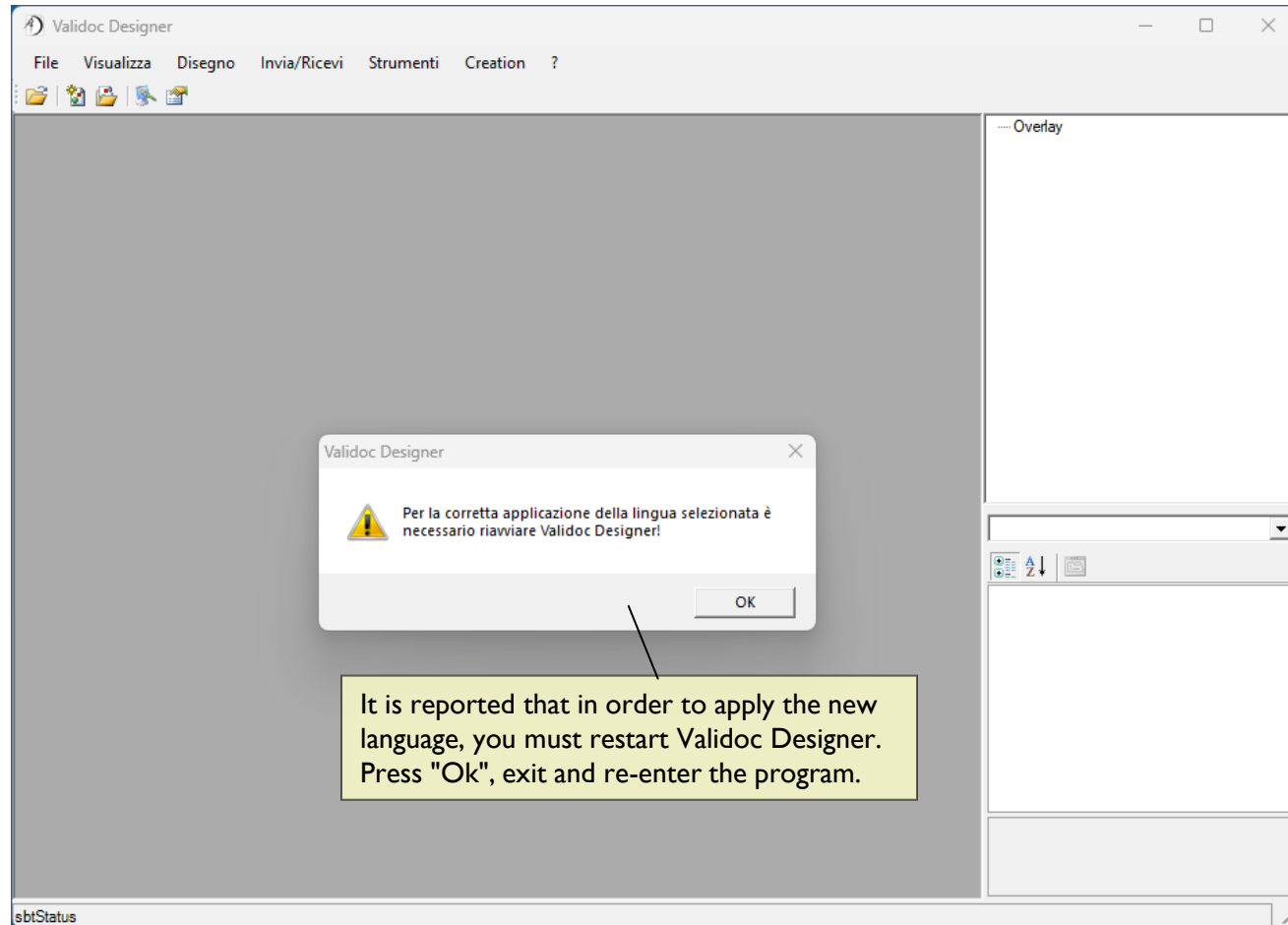
# Change language

After installing and enabling Validoc Designer on the PC, it is possible to create the overlay. If you wish, you can change the language of the interface. To change the interface language, use the menu item "?" and then "Seleziona Lingua".



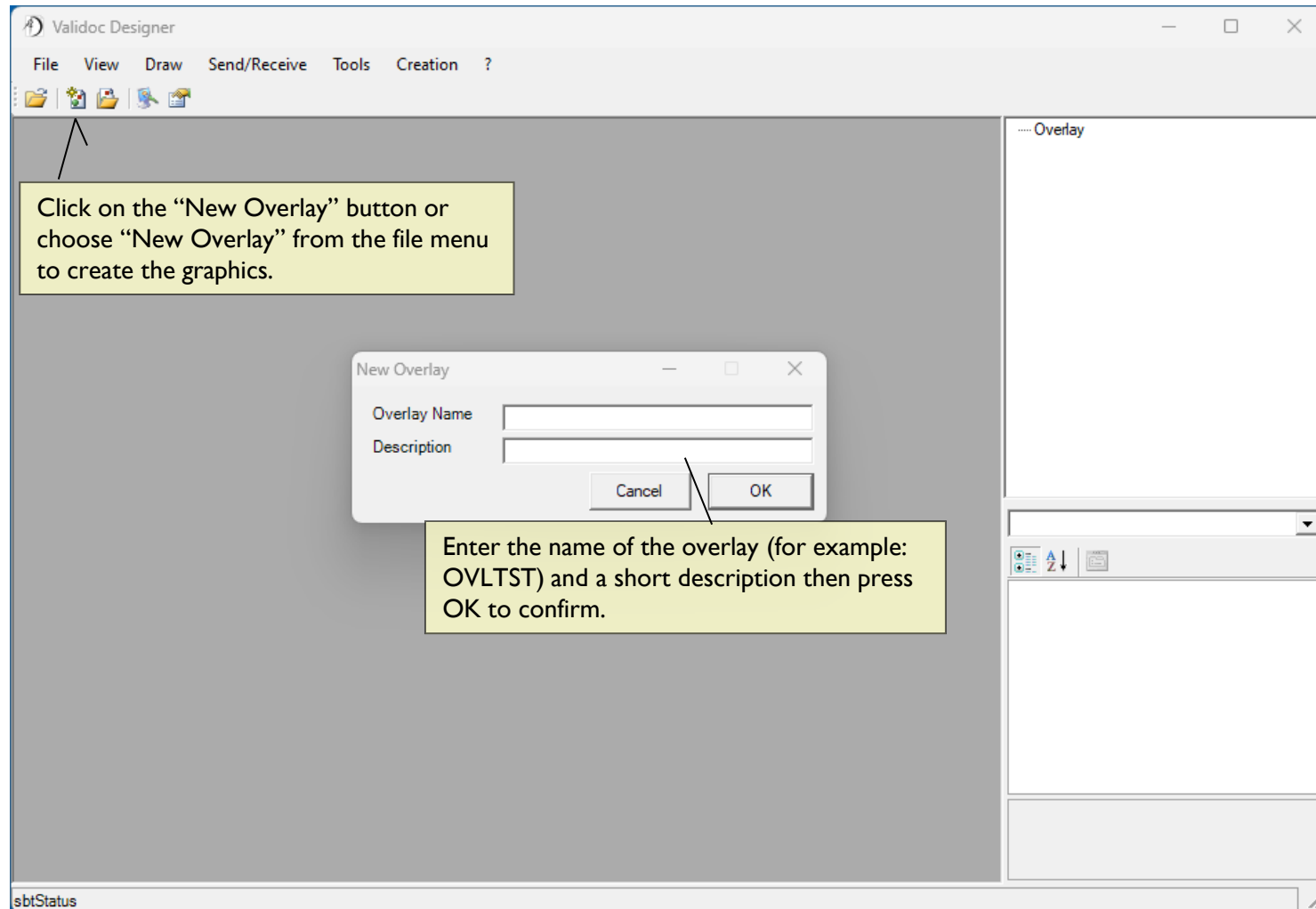
# Change language

Confirmation is required when changing the language.



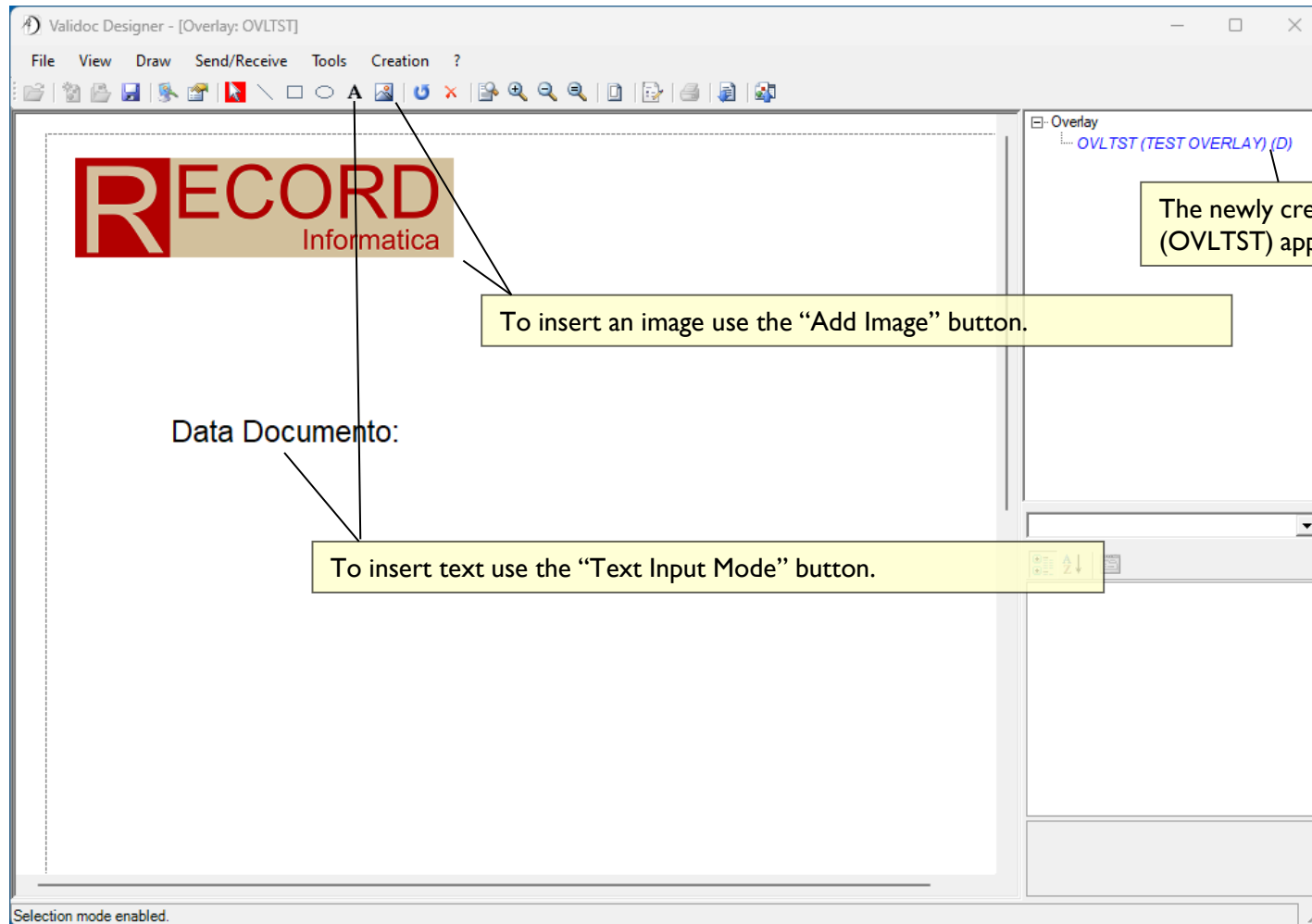
# Create the overlay

Now, it is possible to start to create the overlay, i.e. the graphics, to be combined with the printing on the AS400. Use the “New Overlay” button.



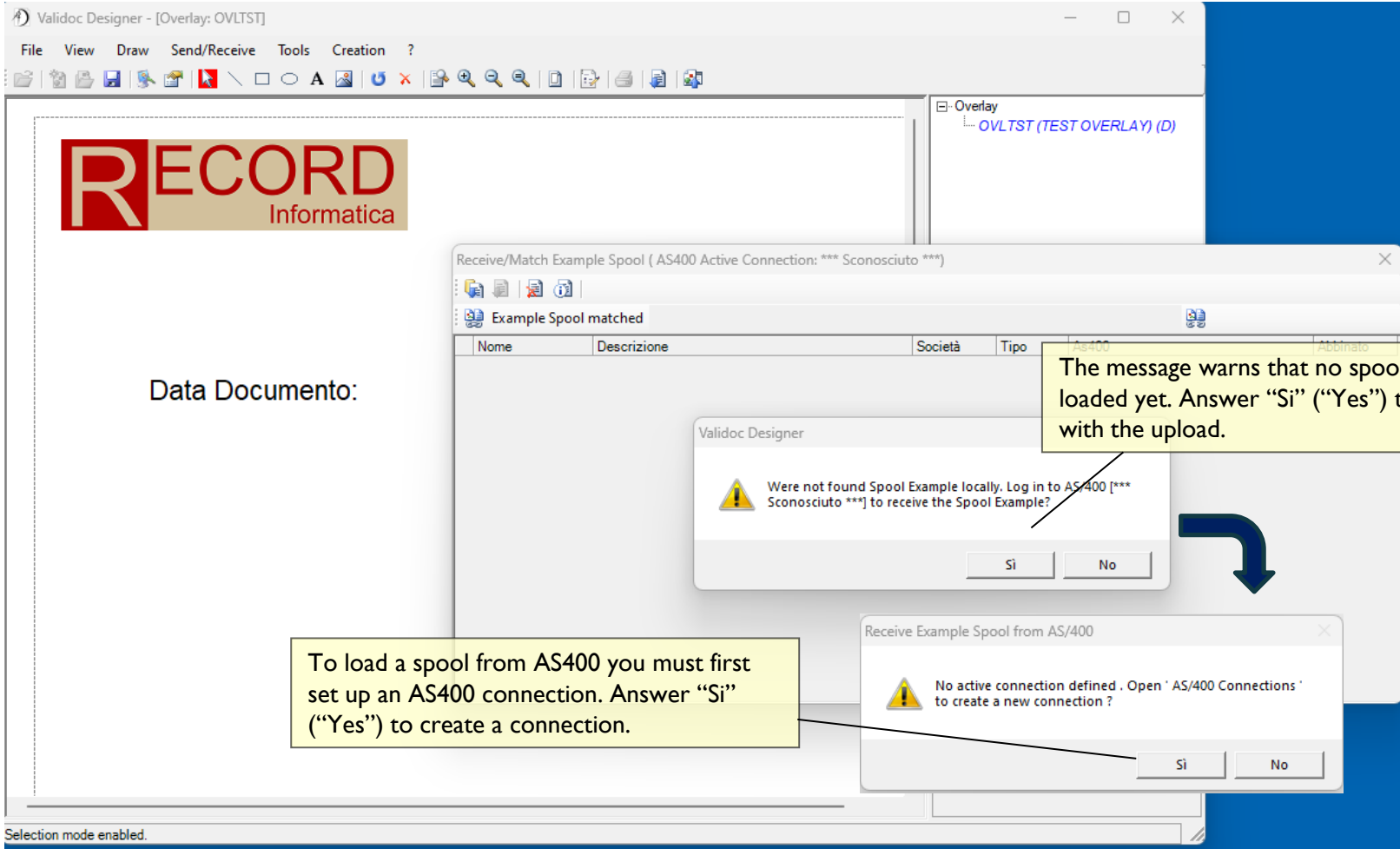
# Main drawing tools

The overlay has been created and then appears in the Overlay Manager and, in the drawing area, an empty "sheet" appears on which you can draw. For drawing, the main buttons of any graphics program are present (insert text, image, line...).



# Loading example

To draw the overlay it is very useful to display the example spool loaded on the AS400 on the drawing area, in order to easily establish where to position the various graphic objects. To import the example use the “Receive/Match an Example Spool” button.



The screenshot shows the Validoc Designer interface with a drawing area containing a 'RECORD Informatica' logo and the text 'Data Documento:'. A 'Receive/Match Example Spool' dialog box is open, displaying a table with columns: Nome, Descrizione, Società, Tipo, As400, and Abbinate. Two warning messages are overlaid on the dialog:

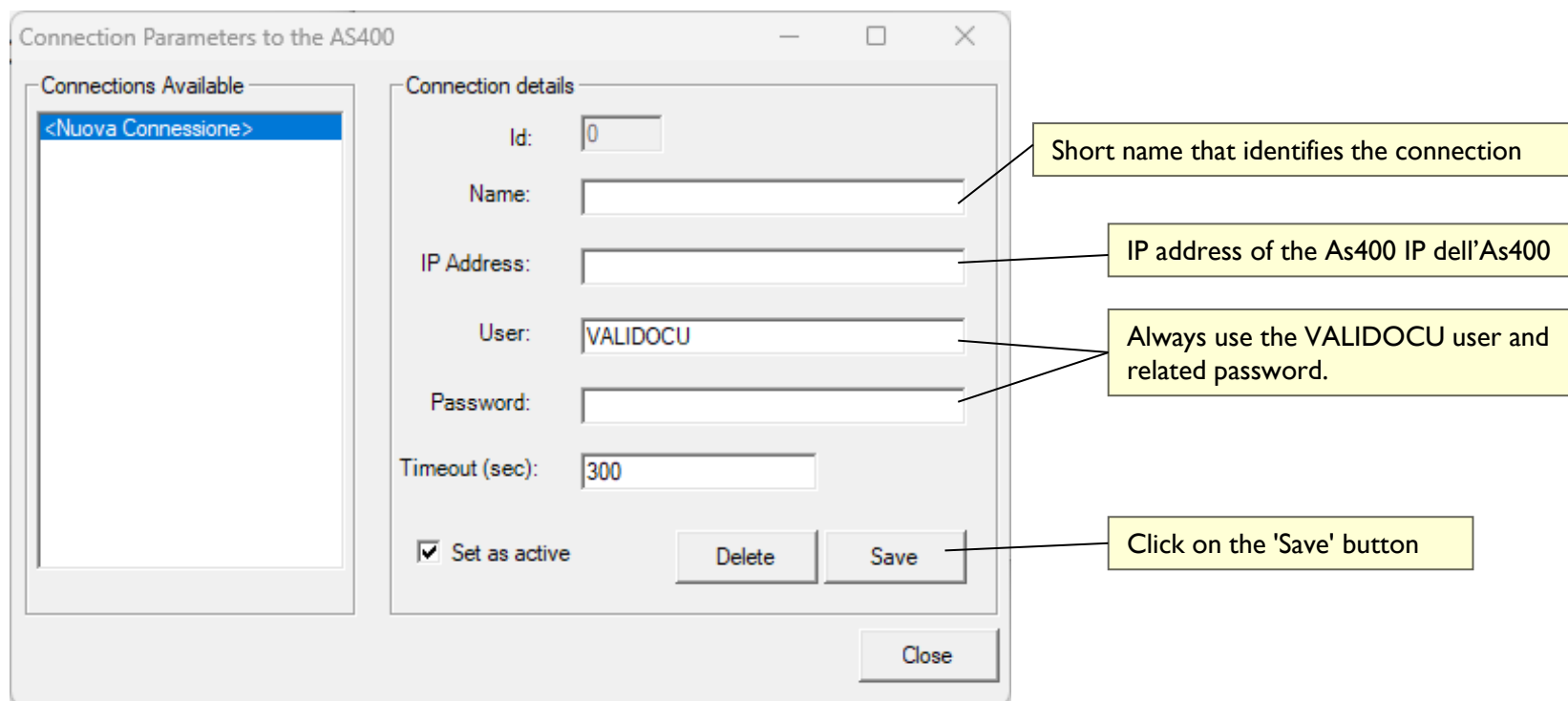
- A yellow warning box with a triangle icon: "Were not found Spool Example locally. Log in to AS/400 [\*\*\* Sconosciuto \*\*\*] to receive the Spool Example?". Below it are 'Si' and 'No' buttons. A yellow callout box points to this message with the text: "The message warns that no spools have been loaded yet. Answer 'Si' ('Yes') to proceed with the upload." A blue arrow points from this callout to the 'Si' button.
- A second yellow warning box with a triangle icon: "No active connection defined . Open ' AS/400 Connections ' to create a new connection ?". Below it are 'Si' and 'No' buttons. A yellow callout box points to this message with the text: "To load a spool from AS400 you must first set up an AS400 connection. Answer 'Si' ('Yes') to create a connection."

The status bar at the bottom left indicates "Selection mode enabled."

# AS400 connection

To set up an AS400 connection you need to fill in the following window and click on the Save button.

To access it you can follow the path indicated on the previous page or use the “As400 Connections” item in the “Send/Receive” menu.



The screenshot shows a dialog box titled "Connection Parameters to the AS400". It is divided into two main sections: "Connections Available" on the left and "Connection details" on the right. The "Connections Available" section contains a list with a single item "<Nuova Connessione>". The "Connection details" section contains several input fields: "Id" (with the value "0"), "Name" (empty), "IP Address" (empty), "User" (with the value "VALIDOCU"), "Password" (empty), and "Timeout (sec)" (with the value "300"). At the bottom of the "Connection details" section, there is a checked checkbox labeled "Set as active" and two buttons: "Delete" and "Save". A "Close" button is located at the bottom right of the dialog box. Five callout boxes with yellow backgrounds and black borders point to specific elements: the "Name" field, the "IP Address" field, the "User" field, the "Save" button, and the "Set as active" checkbox.

Connections Available

<Nuova Connessione>

Connection details

Id: 0

Name:

IP Address:

User: VALIDOCU

Password:

Timeout (sec): 300

Set as active

Delete Save

Close

Short name that identifies the connection

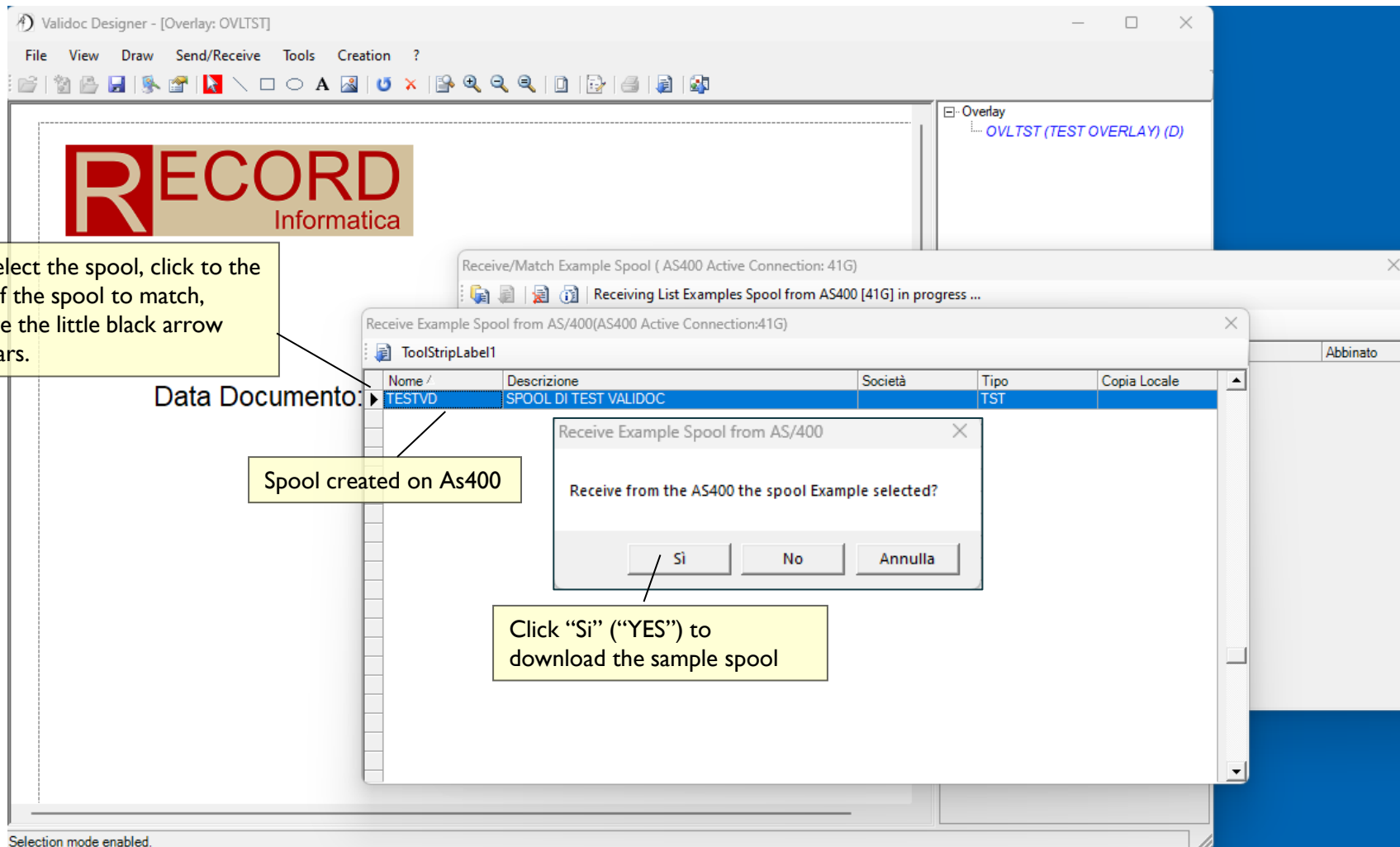
IP address of the As400 IP dell'As400

Always use the VALIDOCU user and related password.

Click on the 'Save' button

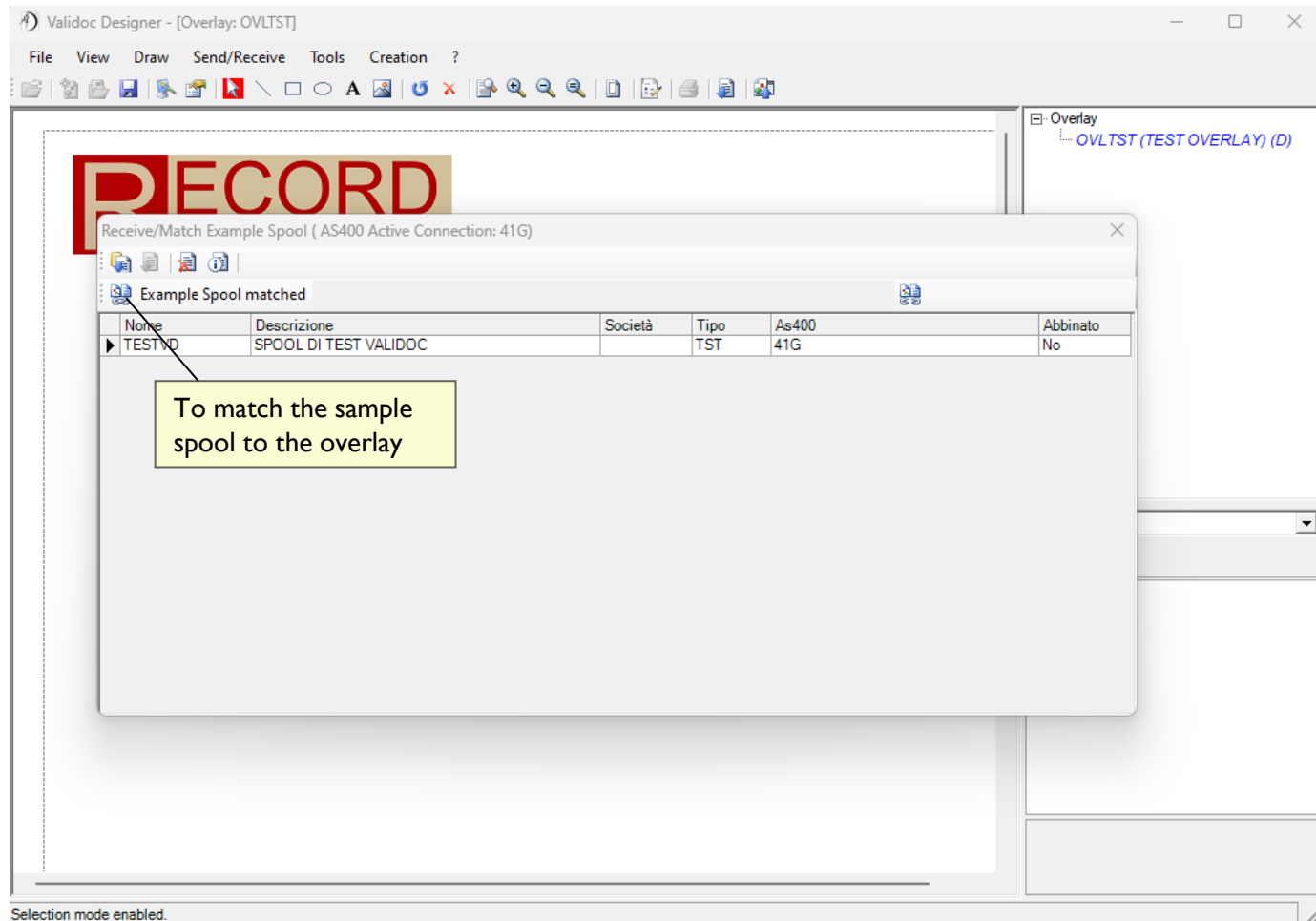
# Load the example on PC

After creating the connection, a grid will be displayed with the list of spools on As400.  
Select the spool created previously and click on the “Receive selected sample spool” button. At the end of the reception, click on the "X" to close the window with the grid.



# Match the example to the Overlay

Once the sample spool has been received, the newly loaded spool must be combined with the Overlay. Select the spool and click on the “Use selected sample spool” button.



# Overlay with example



Here's what the canvas looks like with the example spool paired with the overlay.

At any time you can view or hide the example using the “Show or hide the example spool” button.

The screenshot shows the Validoc Designer interface. The main window displays a document with a 'RECORD Informatica' logo and a table of items. A yellow callout box points to a 'Show/Hide Sample Spools' button. The right sidebar shows an 'Overlay' panel with the text 'OVLST (TEST OVERLAY) (D)'. The status bar at the bottom indicates 'Selection mode enabled.'

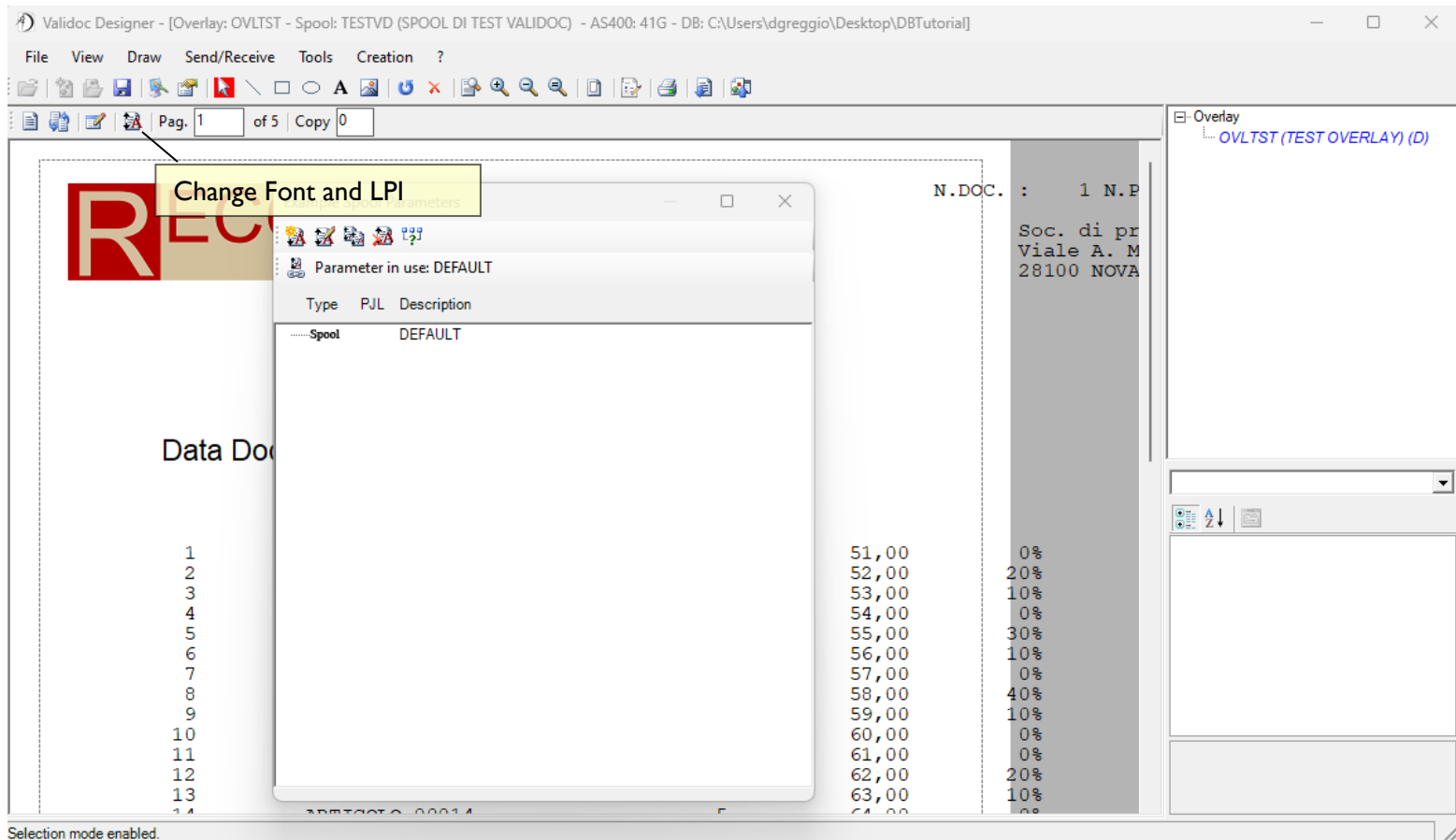
Line	Description	Quantity	Price	Percentage
1	ARTICOLO 00001	2	51,00	0%
2	ARTICOLO 00002	3	52,00	20%
3	ARTICOLO 00003	4	53,00	10%
4	ARTICOLO 00004	5	54,00	0%
5	ARTICOLO 00005	1	55,00	30%
6	ARTICOLO 00006	2	56,00	10%
7	ARTICOLO 00007	3	57,00	0%
8	ARTICOLO 00008	4	58,00	40%
9	ARTICOLO 00009	5	59,00	10%
10	ARTICOLO 00010	1	60,00	0%
11	ARTICOLO 00011	2	61,00	0%
12	ARTICOLO 00012	3	62,00	20%
13	ARTICOLO 00013	4	63,00	10%
14	ARTICOLO 00014	5	64,00	0%

# Change the font of the entire spool



In the example shown, the spool data overflows the drawing area, as the step size (10 CPI) is too large for the print in question.

- It is possible to change the formatting of the entire spool from the Designer with the “Change font and LPI” button.



# Change the font of the entire spool



Using the “Change font and LPI” button the list of parameters present for the spool will be shown, by selecting the displayed parameter you can open it for editing and change the Set Font.

Modify the parameters

Set Font allows you to change the font used for printing

Instead of 10 CPI, set for example 15 CPI, in this way the data will fit into the drawing area. Then click OK to save. From this window it is also possible to modify the other parameters relating to formatting (font, stroke, etc.).

Validoc Designer - [Overlay: OVLTST - Spool: TESTVD (SPOOL DI TEST VALIDOC) - AS400: 41G - DB: C:\Users\vdgreggio\Desktop\DBTutorial]

File View Draw Send/Receive Tools Creati

Example Spool Parameters

Description: DEFAULT

Parameter Type: Spool

Layout Features

Page Size: A4

Paper Size: Width: 0

Offset Left: 0

Thermic printing:

Orientation: Portrait

Lpi: 6 Lines Per Inch

Feeding: No Selection

Set Font

Remove Font

Front/Back Features

Duplex: No Selection

General Features

Num. of Copies Forced 0

Keep Original Spool:  Send Soft:

Code Page: 280 ITALY

Set PJI Command

Save Cancel

Set Font

Fixed spacing  Variable spacing

Step: 10,0 CPI

Family: Courier

Stroke: Normal

Style: Normal

Underline: No Underline

Color: Black

Rotation: Writing Wheel 0°

Soft Font: No Selection

OK Cancel

# Change the font of the entire spool



Here is the appropriately resized print.

The screenshot shows the Validoc Designer interface. The main window displays a document preview with the following content:

**RECORD Informatica**

N.DOC. : 1 N.PAG. : 1

Soc. di prova  
Viale A. Manzoni, 16  
28100 NOVARA (ITALY)

Data Documento:  
10 4/04/23

Contrassegno

Banca di prova

1	ARTICOLO 00001	2	51,00	0%	102,00	20,40
2	ARTICOLO 00002	3	52,00	20%	124,80	24,96
3	ARTICOLO 00003	4	53,00	10%	190,80	38,16
4	ARTICOLO 00004	5	54,00	0%	270,00	54,00
5	ARTICOLO 00005	1	55,00	30%	38,50	7,70
6	ARTICOLO 00006	2	56,00	10%	100,80	20,16
7	ARTICOLO 00007	3	57,00	0%	171,00	34,20
8	ARTICOLO 00008	4	58,00	40%	139,20	27,84
9	ARTICOLO 00009	5	59,00	10%	265,50	53,10
10	ARTICOLO 00010	1	60,00	0%	60,00	12,00
11	ARTICOLO 00011	2	61,00	0%	122,00	24,40
12	ARTICOLO 00012	3	62,00	20%	148,80	29,76
13	ARTICOLO 00013	4	63,00	10%	226,80	45,36

Selection mode enabled.

# Spool remapping

Spool data can be processed using Validoc remapping.  
For example, it is possible to change the formatting of part of the spool data or delete or move portions of the spool.  
To access the remapping use the “Example Spool Remapping” button.

The screenshot shows the Validoc Designer interface. The main window displays a document with a large 'RECORD' watermark. A smaller window titled 'Remapping - TESTVD - SPOOL DI TEST VALIDOC (AS400 Sample Spool: 41G)' is open, showing a grid for remapping. The grid has columns for line numbers (0-29) and data fields. A yellow callout box points to the grid with the text: "Grid for spool remapping. The data displayed is the data of the example spool." The data in the grid includes:

Line	Field 1	Field 2	Field 3	Field 4	Field 5	Field 6	Field 7
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
1	ARTICOLO	000					
2	ARTICOLO	000					
3	ARTICOLO	000					
4	ARTICOLO	000					
5	ARTICOLO	000					
6	ARTICOLO	000					
7	ARTICOLO	000					
8	ARTICOLO	000					
9	ARTICOLO	000					
10	ARTICOLO	000					
11	ARTICOLO	000					
12	ARTICOLO	000					
13	ARTICOLO	000					
14	ARTICOLO	000					
15	ARTICOLO	000					
16	ARTICOLO	000					
17	ARTICOLO	000					
18	ARTICOLO	000					
19	ARTICOLO	000					
20			1	ARTICOLO	000001		2
21			2	ARTICOLO	000002		3
22			3	ARTICOLO	000003		4
23			4	ARTICOLO	000004		5
24			5	ARTICOLO	000005		1
25			6	ARTICOLO	000006		2
26			7	ARTICOLO	000007		3
27			8	ARTICOLO	000008		4
28			9	ARTICOLO	000009		5
29			10	ARTICOLO	000010		1

# Example I: Font Step

To change the formatting of a part of the spool you need to use the font step: select the text area of which you want to change the font, then click on the appropriate button and set the desired formatting, then save by clicking on OK.

The screenshot shows the 'Remapping' software interface. At the top, there's a title bar 'Remapping - TESTVD - SPOOL DI TEST VALIDOC (AS400 Sample Spool: 41G)' and a toolbar with icons for file operations and a 'Font' button. Below the toolbar is a grid representing a spool page. A callout box points to the 'Font' button: 'Change font for the selected area.' Another callout box points to the 'Font' button in the step list on the right: 'The created step appears in the step list.' A 'Set Font' dialog box is open, showing options for 'Fixed spacing' and 'Variable spacing', and various font settings like 'Step', 'Family', 'Stroke', 'Style', 'Underline', 'Color', 'Rotation', and 'Soft Font'. A callout box points to the 'Change Font' button: 'Clicking on the 'Change Font' button opens the Font editing window'. Another callout box points to the 'OK' button: 'Click OK to save the Font step'. In the background, the grid shows text like 'Banca di' and 'ARTICOLO'.

To select a part of text, click at the starting point to be selected and, holding down the left mouse button, drag the mouse to the end point of the selection. At the end of the operation the selected area appears highlighted in blue.

Clicking on the 'Change Font' button opens the Font editing window

Click OK to save the Font step

# Example 2: Move Step

To move a portion of text you need to use a move step: select the text area to move (it will be highlighted in blue), then click on the appropriate button (cut) and then click on the starting point where you want to paste the cut part. The new step will appear in the Remapping step list. (Font and Barcode steps are always positioned at the bottom of the list)

The screenshot shows the 'Remapping - TESTVD - SPOOL DI TEST VALIDOC (AS400 Sample Spool: 41G)' window. The interface includes a toolbar with icons for file operations and editing, and a status bar showing 'Pag. 1 of 5 Copy 0 Step 1'. The main area is a grid with rows and columns. A yellow callout box points to a button in the toolbar labeled 'Newly set Move (cut/paste) step.'. Another yellow callout box points to a grid cell at row 14, column 38, labeled 'Starting point to move the selected area to.'. A third yellow callout box points to a blue-shaded rectangular area in the grid, labeled 'Area to Move (in blue)'. The grid contains text such as '10', '4 / 0 4 / 2 3', 'Contrassegno', and 'Banca di prova'. On the right side, there is a 'Selected Area' panel with the following details:

Selected Area	
Starting Row	14
Final Row	14
Starting Column	38
Final Column	51
Copy	0
Comment	

Below this panel, there is a 'Starting Row' field with the value 'Starting Row'.

# Example 2: Move Step

To move a portion of text you need to use a move step: select the text area to move (it will be highlighted in blue), then click on the appropriate button (cut) and then click on the starting point where you want to paste the cut part. The new step will appear in the Remapping step list. (Font and Barcode steps are always positioned at the bottom of the list)

The screenshot shows the 'Remapping - TESTVD - SPOOL DI TEST VALIDOC (AS400 Sample Spool: 41G)' window. The main area is a grid with columns numbered 1-90 and rows numbered 1-29. A yellow box labeled 'Target area' points to a grid area. A red box highlights a vertical strip of text from row 20 to 29, column 23 to 36, labeled 'Shifted area (in yellow)'. The text in this area is 'ARTICOLO 00001' through 'ARTICOLO 00010'. Other text in the grid includes '10', '4 / 0 4 / 2 3', 'Contrassegno', and 'Banca di prova'. On the right, a panel shows a 'Move - Lin. 20-30 Col. 23-36' step. A yellow callout box points to this step with the text 'Newly set Move step.'. Below this, a 'Selected Area' section shows: Starting Row 20, Final Row 30, Starting Column 23, Final Column 36, Copy 0, and Comment. A 'Destination' section shows Row 20 and Column 16. At the bottom of the panel, it says 'Row Start line for inserting cut text'.

# Remapping – save and send to AS400



When you close the remapping window, a message automatically appears to save the changes made on the PC.

- To import onto the AS400 you need to use the appropriate button on the toolbar.

The screenshot shows the 'Remapping - TESTVD - SPOOL DI TEST VALIDOC (AS400 Sample Spool: 41G)' window. The main area is a grid with columns numbered 0-9 and 1-9, and rows numbered 1-29. The grid contains the text 'ARTICOLO' followed by a series of zeros. A dialog box titled 'Validoc Designer' is overlaid on the grid, displaying a warning icon and the message: 'Save the changes to the remapping steps for the spool 'TESTVD' ?'. Below the message are three buttons: 'Si', 'No', and 'Annulla'. A yellow callout box points to the 'Si' button with the text 'Choose «Si» to save'. The right-hand side of the window shows a 'Selected Area' panel with the following values: Starting Row 14, Final Row 14, Starting Column 38, Final Column 51, Copy 0, and Comment. Below this panel is a 'Starting Row' section.

# Update Spool after Remapping

In the drawing area you can view the changes made to the spool with the remapping. Use the “Refresh Sample Spool View” button.

The screenshot shows the Validoc Designer interface. The main drawing area displays a document with a 'RECORD Informatica' logo and a table of articles. Annotations highlight specific changes:

- A yellow box labeled 'View Refresh.' points to a button in the top toolbar.
- A yellow box labeled 'Area reformatted with font pitch.' points to the 'Banca di prova' text.
- A yellow box labeled 'Repositioned area with move step.' points to the first row of the article table.

Document details: N.DOC. : 1 N.PAG. : 1  
Soc. di prova  
Viale A. Manzoni, 16  
28100 NOVARA (ITALY)

Data Documento: 10 4/04/23

Contrassegno

Banca di prova

1	ARTICOLO 00001					30,40
2	ARTICOLO 00002					24,96
3	ARTICOLO 00003	4	53,00	10%	190,80	38,16
4	ARTICOLO 00004	5	54,00	0%	270,00	54,00
5	ARTICOLO 00005	1	55,00	30%	38,50	7,70
6	ARTICOLO 00006	2	56,00	10%	100,80	20,16
7	ARTICOLO 00007	3	57,00	0%	171,00	34,20
8	ARTICOLO 00008	4	58,00	40%	139,20	27,84
9	ARTICOLO 00009	5	59,00	10%	265,50	53,10
10	ARTICOLO 00010	1	60,00	0%	60,00	12,00
11	ARTICOLO 00011	2	61,00	0%	122,00	24,40
12	ARTICOLO 00012	3	62,00	20%	148,80	29,76
13	ARTICOLO 00013	4	63,00	10%	226,80	45,36
14	ARTICOLO 00014	5	64,00	0%	320,00	64,00
15	ARTICOLO 00015	1	65,00	30%	45,50	9,10
16	ARTICOLO 00016	2	66,00	10%	118,80	23,76
17	ARTICOLO 00017	3	67,00	0%	201,00	40,20
18	ARTICOLO 00018	4	68,00	40%	163,20	32,64
19	ARTICOLO 00019	5	69,00	10%	310,50	62,10
20	ARTICOLO 00020	1	70,00	0%	70,00	14,00
21	ARTICOLO 00021	2	71,00	0%	142,00	28,40
22	ARTICOLO 00022	3	72,00	20%	172,80	34,56
23	ARTICOLO 00023	4	73,00	10%	262,80	52,56
24	ARTICOLO 00024	5	74,00	0%	370,00	74,00
25	ARTICOLO 00025	1	75,00	30%	52,50	10,50
26	ARTICOLO 00026	2	76,00	10%	136,80	27,36
27	ARTICOLO 00027	3	77,00	0%	231,00	46,20

# Overlay design

Now it is possible to proceed with the design of the overlay, for example adding the side panel. The line and rectangle drawing tools, shown below, will be used for the border.

- To draw a rectangle or a line, click on the appropriate button, then click on the starting point and drag the mouse to the final point.

The screenshot shows the Validoc Designer interface with a document titled 'OVL.TST (TEST OVERLAY) (D)'. The document content includes a header with 'RECORD Informatica', a 'Data Documento:' section with date '4/04/23', and a table of articles. The table has 6 columns: 'ARTICOLO', 'QUANTITA', 'PREZZO UNITARIO', 'PREZZO TOTALE', 'PERCENTUALE', and 'VALORE TOTALE'. The table data is as follows:

ARTICOLO	QUANTITA	PREZZO UNITARIO	PREZZO TOTALE	PERCENTUALE	VALORE TOTALE
ARTICOLO 00001	2	51,00	102,00	0%	20,40
ARTICOLO 00002	3	52,00	156,00	20%	24,96
ARTICOLO 00003	4	53,00	212,00	10%	38,16
ARTICOLO 00004	5	54,00	270,00	0%	54,00
ARTICOLO 00005	1	55,00	55,00	30%	7,70
ARTICOLO 00006	2	56,00	112,00	10%	20,16
ARTICOLO 00007	3	57,00	171,00	0%	34,20
ARTICOLO 00008	4	58,00	232,00	40%	27,84
ARTICOLO 00009	5	59,00	295,00	10%	53,10
ARTICOLO 00010	1	60,00	60,00	0%	12,00
ARTICOLO 00011	2	61,00	122,00	0%	24,40
ARTICOLO 00012	3	62,00	186,00	20%	29,76
ARTICOLO 00013	4	63,00	252,00	10%	45,36
ARTICOLO 00014	5	64,00	320,00	0%	64,00
ARTICOLO 00015	1	65,00	65,00	30%	9,10
ARTICOLO 00016	2	66,00	132,00	10%	23,76
ARTICOLO 00017	3	67,00	201,00	0%	40,20
ARTICOLO 00018	4	68,00	272,00	40%	32,64
ARTICOLO 00019	5	69,00	345,00	10%	62,10
ARTICOLO 00020	1	70,00	70,00	0%	14,00
ARTICOLO 00021	2	71,00	142,00	0%	28,40
ARTICOLO 00022	3	72,00	216,00	20%	34,56
ARTICOLO 00023	4	73,00	292,00	10%	52,56
ARTICOLO 00024	5	74,00	370,00	0%	74,00
ARTICOLO 00025	1	75,00	75,00	30%	10,50
ARTICOLO 00026	2	76,00	152,00	10%	30,40
ARTICOLO 00027	3	77,00	231,00	0%	46,20
ARTICOLO 00028	4	78,00	312,00	40%	37,44
ARTICOLO 00029	5	79,00	395,00	10%	71,10
ARTICOLO 00030	1	80,00	80,00	0%	16,00
ARTICOLO 00031	2	81,00	162,00	0%	32,40
ARTICOLO 00032	3	82,00	246,00	20%	39,36
ARTICOLO 00033	4	83,00	332,00	10%	59,76
ARTICOLO 00034	5	84,00	420,00	0%	84,00
ARTICOLO 00035	1	85,00	85,00	30%	11,90

Annotations in the image:

- 'Draw lines.' points to the line drawing tool in the toolbar.
- 'Draw boxes.' points to the rectangle drawing tool in the toolbar.
- 'To draw a perfectly horizontal or vertical line, hold Shift while drawing the line.' points to the line drawing tool.

# Sending to AS400



Once the Overlay design has been completed, it must be sent to the AS400 by pressing the "Send Overlay" button.

- Note that the part of configuring the printers for sending to the AS400 is part of the installation phases, so it will not be described in this tutorial.

The screenshot shows the Validoc Designer interface. The main window displays an invoice design for 'RECORD Informatica'. The invoice includes the company name, address (Baluardo La Marmora, 2, 28100 Novara), and contact information. It also shows invoice details: FATTURA, Numero: 10, Data: 14/05/23, and payment terms: Contrassegno, Banca di appoggio: Banca di prova. A table of items is visible at the bottom of the invoice design.

Codice	Descrizione	Quantità	Prezzo Unitario	Sconto	Prezzo Totale	Iva
1	ARTICOLO 00001	2	51,00	0%	102,00	20,40
2	ARTICOLO 00002	3	52,00	20%	124,80	24,96
3	ARTICOLO 00003	4	53,00	10%	190,80	38,16
4	ARTICOLO 00004	5	54,00	0%	270,00	54,00
5	ARTICOLO 00005	1	55,00	30%	38,50	7,70
6	ARTICOLO 00006	2	56,00	10%	100,80	20,16
7	ARTICOLO 00007	3	57,00	0%	171,00	34,20
8	ARTICOLO 00008	4	58,00	40%	139,20	27,84
9	ARTICOLO 00009	5	59,00	10%	265,50	53,10
10	ARTICOLO 00010	1	60,00	0%	60,00	12,00
11	ARTICOLO 00011	2	61,00	0%	122,00	24,40
12	ARTICOLO 00012	3	62,00	20%	148,80	29,76
13	ARTICOLO 00013	4	63,00	10%	226,80	45,36
14	ARTICOLO 00014	5	64,00	0%	320,00	64,00
15	ARTICOLO 00015	1	65,00	30%	45,50	9,10
16	ARTICOLO 00016	2	66,00	10%	118,80	23,76
17	ARTICOLO 00017	3	67,00	0%	201,00	40,20
18	ARTICOLO 00018	4	68,00	40%	163,20	32,64

A yellow callout box points to a button labeled "Send Overlay button" located in the right-hand pane of the software interface.

# Overlay on AS400



On AS400 you can view imported overlays using option 4 of "Overlay Management".

```
VALIDOC          Menu' Validoc Management          15/06/23  15:28:40
VD
1. Queue Management
3. Spool Management
4. Overlay Management
5. Soft Font Management
6. Barcode Management
7. General Parameters
8. Authorization Codes
9. User Profiles
```

Option 4 "Overlay Management"

```
*VD012R1*          Overlay Management          15:05:46  11/12/23

2=Change          4=Delete          7=Set Users          9=Set Printers
Opt Name          Description          Util. Users  Print. Color
- OVLTST          OVERLAY TEST
===> 4

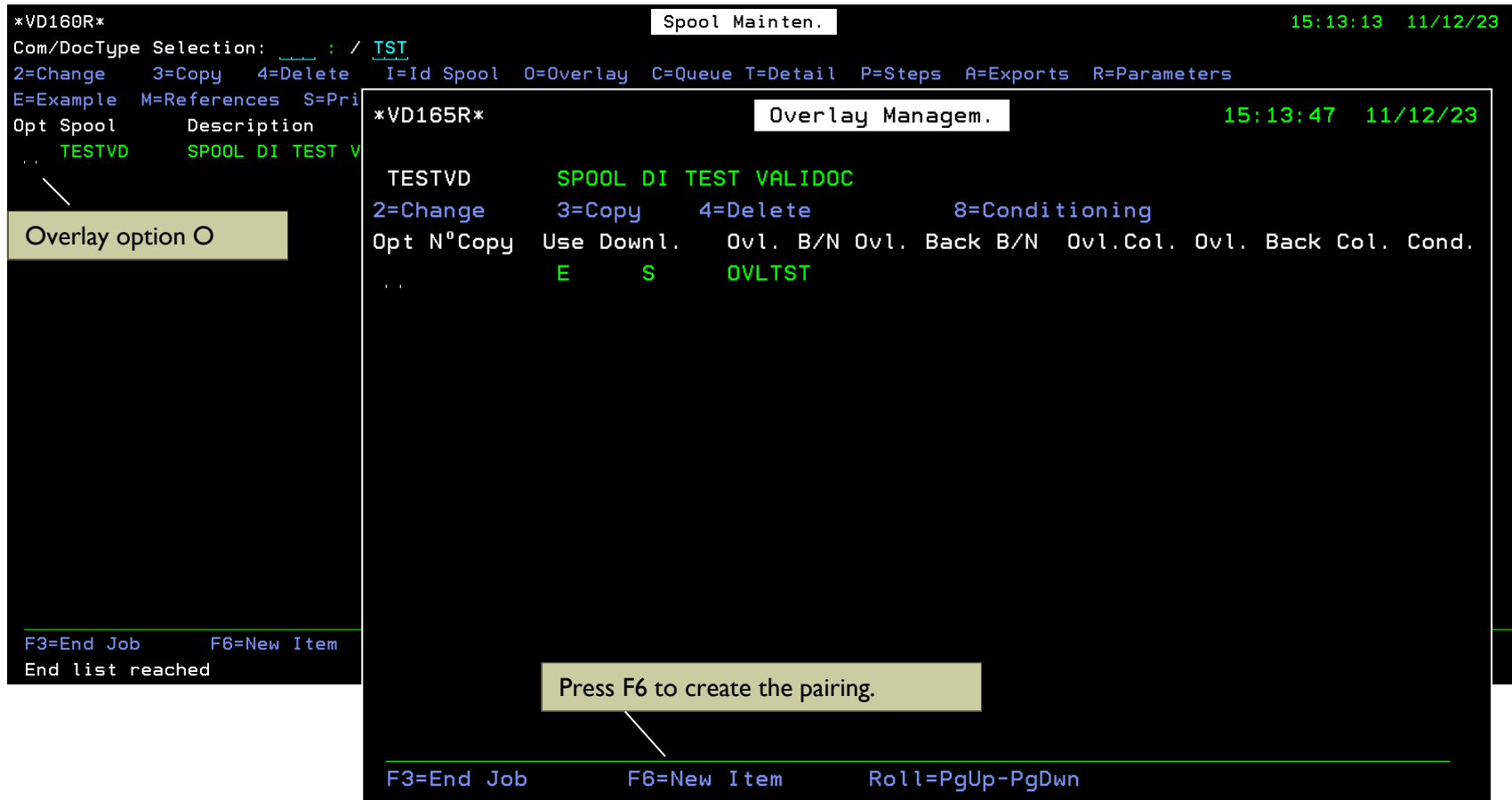
F3=End          F6=Acquisition          F9=Partializations
F10=Scheduling Download          F11=Manual Download
```

Newly imported overlay.

# Matching the overlay to the spool

Now we need to match the overlay to the spool.

From “Spool Management” (item 3 of the main menu) choose the “O” option for Overlay next to the desired spool. Then from the “Overlay Management” choose F6 to insert.



The screenshot shows two terminal windows from the VALIDOC software. The left window, titled '\*VD160R\*' and 'Spool Mainten.', displays a list of spools. The right window, titled '\*VD165R\*' and 'Overlay Managem.', displays the configuration for a selected spool. A callout box points to the 'O' option in the spool list, and another callout box points to the 'F6' key on the overlay management screen.

**Spool Management Window (\*VD160R\*):**

```

*VD160R*                               Spool Mainten.                               15:13:13  11/12/23
Com/DocType Selection: ___ : / TST
2=Change  3=Copy  4=Delete  I=Id Spool  0=Overlay  C=Queue  T=Detail  P=Steps  A=Exports  R=Parameters
E=Example  M=References  S=Pri
Opt Spool  Description
.. TESTVD  SPool DI TEST V
  
```

**Overlay Management Window (\*VD165R\*):**

```

*VD165R*                               Overlay Managem.                               15:13:47  11/12/23
TESTVD  SPool DI TEST VALIDOC
2=Change  3=Copy  4=Delete  8=Conditioning
Opt N°Copy  Use Downl.  Ovl. B/N Ovl. Back B/N  Ovl.Col.  Ovl. Back Col.  Cond.
..          E      S      OVLST
  
```

**Callout boxes:**

- Overlay option O
- Press F6 to create the pairing.

**Footer:** F3=End Job F6=New Item End list reached



# Matching the overlay to the spool

The newly paired overlay appears in the “Overlay Management” of the selected spool.

```
*VD160R*                               Spool Mainten.                               15:17:17  11/12/23
Com/DocType Selection: ___ : / TST
2=Change  3=Copy  4=Delete  I=Id Spool  0=Overlay  C=Queue T=Detail  P=Steps  A=Exports  R=Parameters
E=Example  M=References  S=Print
Opt Spool      Description                Com Typ Overlay BW  Overlay Col  Id Det Que.  Crea  Email  Lab  Referen.
..  TESTVD     SPOOL DI TEST VALIDOC                 TST OVLTST
..                                     C(2)  E(1)

F3=End Job      F6=New Item      F14=Spool unmanaged  F15=Proof Print
End list reached
```

Use option I to select the desired overlay.

# First Send to the Printer

Everything is ready for the first print.

Create the print on AS/400 and send it to the print queue managed by Validoc (point 1 (one) of the Menù).

Validoc will process the print to add graphics, upon completion the print will be in RDY status. If the queue managed by Validoc was a blind queue, route the processed print to a queue connected to a physical printer that supports PCL5. Otherwise it is necessary to set the queue, connected to Validoc, so that it is linked directly to a physical printer.

```
Sessione A - [24 x 80]
File Modifica Visualizza Comunicazioni Azioni Finestra Guida
Gestione di tutti i file di spool
Immettere le opzioni e premere Invio.
1=Invio      2=Modif.    3=Congelamento  4=Cancel.    5=Visualizz.  6=Ril.
7=Messaggi  8=Attributi  9=Gestione stato stampa

Opz  File      Utente      Unità o      Dati ut.     St.     Pag     Pag     Pag
     file      utente      coda         ut.         st.     tot     att     Cop.
  2  TESTVD    VALIDOCU    PRTVP        VD115R      RDY     1*     1       1

Use the WRKOUTQ command followed by the name of the queue processed by Validoc
to view the newly created printout. Use option 2 to switch print queues

Parametri per opzioni 1, 2, 3 o comando
==> outq(prtvalid)
F3=Fine  F10=Vis 4  F11=Vis 2  F12=Ann.  F22=Stampanti  F24=Altri tasti

a MW 21/021
1902 - La sessione è stata avviata correttamente
```

# Sending example to printer

If it is not possible to immediately create a real print for the tests, it is possible to use the Print Example function, available from Designer (using the 'Print Example on AS400' button) or from AS400 (option 'S' on the spool definition in point '3. Spool Management' of the main menu). In both cases it will then be necessary to indicate the name of the printer and other data to continue.

# Resulting print

This is how the print on paper will look.



<b>RECORD</b> Informatica		Record Informatica Srl Baluardo La Marmora, 2 280100 Novara (No) Tel. 0321/611308				
<b>FATTURA</b>		Spett. Soc. di prova				
Numero: 10		Viale A. Manzoni, 16				
Data: 14/05/23		28100 NOVARA (ITALY)				
Modalità Pagamento: Conto assegno						
Banca d'appoggio: Banca di prova						
Codice	Descrizione	Quantità	Prezzo Unitario	Sconto	Prezzo Totale	Iva
1	ARTICOLO 00001	2	51,00	0%	102,00	20,40
2	ARTICOLO 00002	3	52,00	20%	124,80	24,96
3	ARTICOLO 00003	4	53,00	10%	190,80	38,16
4	ARTICOLO 00004	5	54,00	0%	270,00	54,00
5	ARTICOLO 00005	1	55,00	30%	38,50	7,70
6	ARTICOLO 00006	2	56,00	10%	100,80	20,16
7	ARTICOLO 00007	3	57,00	0%	171,00	34,20
8	ARTICOLO 00008	4	58,00	40%	139,20	27,84
9	ARTICOLO 00009	5	59,00	10%	265,50	53,10
10	ARTICOLO 00010	1	60,00	0%	60,00	12,00
11	ARTICOLO 00011	2	61,00	0%	122,00	24,40
12	ARTICOLO 00012	3	62,00	20%	148,80	29,76
13	ARTICOLO 00013	4	63,00	10%	226,80	45,36
14	ARTICOLO 00014	5	64,00	0%	320,00	64,00
15	ARTICOLO 00015	1	65,00	30%	45,50	9,10
16	ARTICOLO 00016	2	66,00	10%	118,80	23,76
17	ARTICOLO 00017	3	67,00	0%	201,00	40,20
18	ARTICOLO 00018	4	68,00	40%	163,20	32,64
19	ARTICOLO 00019	5	69,00	10%	310,50	62,10
20	ARTICOLO 00020	1	70,00	0%	70,00	14,00
21	ARTICOLO 00021	2	71,00	0%	142,00	28,40
22	ARTICOLO 00022	3	72,00	20%	172,80	34,56
23	ARTICOLO 00023	4	73,00	10%	262,80	52,56
24	ARTICOLO 00024	5	74,00	0%	370,00	74,00
25	ARTICOLO 00025	1	75,00	30%	52,50	10,50
26	ARTICOLO 00026	2	76,00	10%	136,80	27,36
27	ARTICOLO 00027	3	77,00	0%	231,00	46,20
28	ARTICOLO 00028	4	78,00	40%	187,20	37,44
29	ARTICOLO 00029	5	79,00	10%	355,50	71,10
30	ARTICOLO 00030	1	80,00	0%	80,00	16,00
31	ARTICOLO 00031	2	81,00	0%	162,00	32,40
32	ARTICOLO 00032	3	82,00	20%	196,80	39,36
33	ARTICOLO 00033	4	83,00	10%	298,80	59,76
34	ARTICOLO 00034	5	84,00	0%	420,00	84,00
35	ARTICOLO 00035	1	85,00	30%	59,50	11,90
36	ARTICOLO 00036	2	86,00	10%	154,80	30,96
37	ARTICOLO 00037	3	87,00	0%	261,00	52,20
Trasporto: Vettore		Totale Merce: 110		Imponibile Netto: 6732,70		Iva: 1346,54
Imballo: Scatolame		Totale: 8079,24				
<i>Logo Certificazione</i>						

# Tutorial Validoc



For further details, consult the Validoc manual (Reference Validoc).

The manual can be downloaded on the page:

<https://www.recordinformatica.it/it/registrazione-software-stampa-spool.htm>.

Or contact Record Informatica at the following address:

[assistenza@recordinformatica.it](mailto:assistenza@recordinformatica.it)

or at the telephone number +35 0321611308.