

# Tutorial Validoc



This tutorial walks you through the basic steps to produce a PDF file using Validoc.

Follow this tutorial after you have completed at least the installation of the AS/400 component, and the installation of “Validoc Gestore PC”.

In addition, it is necessary to have already completed the construction of a first print by following the relative tutorial.

# Tutorial Validoc



The steps to be taken are:

- Queue configuration for exports to AS/400
- Configuring an Export to AS/400
- First test of PDF creation

# 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 “1” 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. Parametri di Avvio / Esecuzione / Chiusura
5. Profilo Utente.....: VALIDOCU
6. Descrizione Lavoro.....: VALIDOCJD Libreria VALIDOC
7. Lib. Creazione Sottosistema...
8. Priorità di esecuzione.....
9. Modalità di Acquisizione.....
25. Riorg. Files in Chiusura.....
90. Pulizia Log Trasm. in Chiusura
    Schedulazione
    F10 Parameters
    AVVIO.....
    CHIUSURA.....
    F3=Fine F6=Salva sched. F7=
    F9=Param. F.Grafica F10=Param

*VD155R* Manutenzione Parametri Generali 14:18:19 11/12/23
Correggi salto riga iniziale..... S (S/N) Mantieni Utente originale... N (S/N)
Forza la risoluzione di stampa... S (S/N) Mantieni Tipo Modulo orig... N (S/N)
Contenuto dei Dati Utente ..... 2 1=Originale 2=Pgm Trattam. 3=ID Utente
Mem. Flag Esclusione Trattamento : 1 1=in Dati Utente (USRDTA)
                                       2=in Opz.Defin.Utente (USRDFNOPT)
Visual. Stato Elaborazione Spool.: 2 1=No 2=nei Dati Utente(USRDTA)
                                       3=nel Tipo Modulo (FORMTYPE)
Dicitura Stato Elaborazione..... <VD> *ELab
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
Code Page Default..... : 280 ITALIA
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=Aggiornamento F10=Default File PC
```

Languages selection

# Queue Configuration

From the main menu, choose 1 of Queue Manager.

```
VALIDOC                               Menu' Validoc Management                               6/11/24  14:41:25
VALIDOCU

1. Queue Management
3. Spool Management
4. Overlay Management
5. Soft Font Management
6. Barcode Management
7. General Parameters
8. Authorization Codes
9. Updates Installing
25. Menu' Special Features
90. Signoff

===> 1
```

Enter 1. Queue Management

# Queue Configuration

Enter option 2 ("Edit") on the monitored print queue (created during the first paper print steps).

- The "Queue Manager" screen will open, press F4 on the first "Processing Types" field. If the "DEF" process already exists, choose it with the "1" option

The image shows two overlapping terminal windows from the Queue Manager application. The top window displays a list of monitored queues, with 'PRTVALID' selected. The bottom window shows the configuration for 'PRTVALID', including input/output queues and processing types. A third window, titled '\*VDB00R\*', shows a list of processing types, with 'DEF' selected. Annotations with arrows point to specific elements: 'Queues monitored by Validoc' points to the queue list; 'F4 for Processing Types.' points to the 'Processing Type' field; and 'F6 to create PC Processing Types' points to the 'DEF' entry in the processing types list.

**Queue Manager Screenshot 1:**

```

*VD140R*
Queue Manag. 12:13:50 6/11/24
2=Change 4=Delete C=Features
Opt INPUT Queue OUTPUT Queue Exports: Process. Type Col
PRTTERMAR / QUSRSYS PRTCC / QUSRSYS DEF
PRTTERMGE / QUSRSYS
PRTDEMOG / QUSRSYS
PRTDG / QUSRSYS
PRTMAIL / QUSRSYS
PRTSCL / QUSRSYS
PRTTERMHO / QUSRSYS
2 PRTVALID / QUSRSYS
PRTVPC / QUSRSYS
PRTZEBRA / QUSRSYS
F3=End F6=New Item
    
```

**Queue Manager Screenshot 2:**

```

*VD140R*
Queue Manag. 12:18:19 6/11/24
Queue Library
INPUT Queue.....: PRTVALID QUSRSYS
OUTPUT Queue.....: PRTVALID QUSRSYS
Save SCS Print.....: N (S/N)
Move Ascii Print.....
Not Treat "Spool Unmanaged"....
Keep Original Spool.....
Company Code for Processing....
Exports to activate.....
Processing Type
F3=End Job F4=Search F9=Wrkoutq
    
```

**PC Process Types Screenshot:**

```

*VDB00R*
View PC Process.Types X Code
Start From :
Opt. Code Description
$DB2 DB2 EXTRACT
BLOCK BLOCK
CONT CONT
DEF DEF
DEF2 DEFAULT TYPE SLAB 2
DEF3 DEFAULT TYPE SLAB 3
DEF4 DEFAULT TYPE SLAB 4
MERGE MERGE
F3=End F6=Managem. Roll=PgUp-PgDwn
    
```

# Queue Configuration

Use option 1 to choose the processing type that you just created.

The screenshot shows the Queue Manager interface with the following elements:

- Header: \*VD140R\* Queue Manag. 12:18:19 6/11/24
- Queue Configuration Table:

	Queue	Library
INPUT Queue.....	<u>PRTVALID</u>	<u>QUSRSYS</u>
OUTPUT Queue.....	<u>PRTVALID</u>	<u>QUSRSYS</u>
- Options: Save SCS Print....., Move Ascii Print....., Not Treat "Spool Unma Keep Original Spool.., Company Code for Proc, Exports to activate..
- Processing Type Section:

Processing Type

..... :  
..... :  
..... :  
..... :
- Inset Window: \*VD800R\* View PC Process.Types X Code  
Start From :  
(\*VD800R\* Visual. Tipi Elab.PC X Codice)

1	SDB2	DISC EXTRACT
	BLOCK	DISC DATA
	CONT	DISC CONTAB. ARCHIV. +SPES. BANC
	DEF	DEFAULT
	DEF2	DEFAULT TOPIC PLAN 2
	DEF4	DEFAULT TOPIC PLAN 4
	FAX	DISC FAX
	MAIL	DISC MAIL
	MERGE	TEST MERGE
- Footer: F3=End Job F4=Se Roll=PgUp-PgDwn

# Queue Configuration

Set the Creation ("Crea") field to S. On the line of the "Processing Type" filled in. Press Enter to save your changes. (If you also want to send E-mail and/or Fax with the same type of processing, set the E-Mail and/or Fax fields to "S")

```

*VD140R*                               Queue Manag.                               12:26:53   6/11/24

                                Queue           Library
INPUT Queue.....: PRTVALID       QUSRSYS
OUTPUT Queue.....: PRTVALID       QUSRSYS

Save SCS Print.....: N   (S/N)
Move Ascii Print.....: S   (S/N)

Not Treat "Spool Unmanaged".....: S   (S/N)
Keep Original Spool.....: N   (S/N)

Company Code for Processing.....:
Exports to activate.....:

Processing Type
DEF : DEFAULT
Selected from the Proc.
Types screen. PC

E-Mail  Fax  Postal  Crea  Delete Print
S       N       N       S       N
N       N       N       N       N
N       N       N       N       N
N       N       N       N       N

F3=End Job   F4=Search   F9=Wrkoutq
  
```

Set "S" ("Yes") to enable PDF creation and, possibly, "S" to send e-mails as well

# Configuration «Export»

From the main menu, choose Spool Manager 3.

```

VALIDOC
VALIDOCU
Menu' Validoc Management 6/11/24 12:28:20

1. Queue Management
3. Spool Management
4. Overlay Management
5. Soft Font Management
6. Barcode Management
7. General Parameters
8. Authorization Codes
9. Updates Installing
25. Menu' Special Features
90. Signoff

===> 3
    
```

Enter 3. Spool Management

# Configuration «Export»

To create a PDF file on a PC, you need to create an export. Choose option A of exports on the desired spool. Then choose F6 from "Exports" to create a new export.

```
*VD160R*                               Spool Mainten.                               14:00:44  6/11/24
Com/DocType Selection: ___ : / ISL
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  D=Duplic.
Opt Spool   Description                Com Typ Overlay BW  Overlay Col  Id Det Que. Dupl.  Crea  Email  Lab  Referen.
A  TESTVD   VALIDOC SPOOL TEST                   TST OVL TST                C(2)  E(1)
```

Spools whose file you want to create

Export Option A

```
*VD200R*                               Exports                               14:02:40  6/11/24
F3=End Job  F6=New Item  F1
End list reached
TESTVD   VALIDOC SPOOL TEST
2=Change  3=Copy  4=Delete  8=Condit.  C=Create  E=E-mail  F=Fax  P=Postal  R=Ref.
Opt Proc.  Description                File Type  Cond.  Cre  E-M  Fax  Post  Ref
```

F6 to create a new export

# PDF Configuration

Set the fields for the new export. To create a PDF file, set PDF as the Archive Type and as the Extension. The description is used to easily identify the export.

\*VD200R\*      Exports - Generic Data      14:05:57    6/11/24      Updating

TESTVD      VALIDOC SPOOL TEST

Processing Type....: DEF : DEFAULT

Description.....: PDF TEST

File Type.....: PDF : PDF

Extension.....: PDF

Document Title....: tstPDF

Doc. Data Creation : N (S/N)

Copies To Be Conv. : 1

Print Delete.....: S

Structures.....: :

Group.....: :

File Name Preview: Document Title\_num doc\_

F3=End    F4=Search    F7=PC File Name Comp    F8=Print

\*VD802R\*    View    Types Exp.    X Code

Start From : \_\_\_\_\_

Opt. Code	Description
*FCFC	*FCFC Preprocessed on shared
*PRTCTL	*PRTCTL Preprocessed on shared
CSV	CSV
CSV-AUT	CSV with automatic structure
DB2	DB2
1 PDF	PDF
TIF	TIFF
TXT	TXT
TXT-21	TXT Preprocessed on shared
XML	

F3=End      Roll=PgUp-PgDwn

F4 on the "Processing Type" field to choose the processing type that you created earlier for the queues

F4 on the "File Type" field to choose the type of file you want to create. Option 1 to select it

F8 Indicate which copies of the printout should be converted to PDF. In this example, you want to convert only copy 1.

# PDF Configuration

Before proceeding to save the export, you define a name for the resulting file, using the F7 function key.

- The name of the document on PC can be composed of several parts. You need to indicate which parts to use for the composition and in what order. Use the F6 function key to define each part of the name.

```

*VD501R*          PC File Name Composition          14:10:04   6/11/24
TESTVD          VALIDOC SPOOL TEST | PDF DI PROVA
PC File Name Preview:
Document Title_Num Doc_del_Doc Date_Customer_PrgFile.PDF

2=Change      3=Copy      4=Delete
Opt Order  Description      Value      Type
...      10 Document Tit  tstPDF      Environm
...      20 Num Doc      10          Spool
...      30 Of          del         Constant
...      40 Doc Date    4-04-23     Spool
...      50 Customer    Soc. di prova Spool
  
```

F6 to define each new part of the name

---

```

F3=End Job      F6=New Item      Roll=PgUp-PgDwn
  
```

# PDF Configuration

Pressing F6 opens a new window with three types of parts:

From Print: A string of text is taken from the printout. You need to indicate the coordinates, to facilitate you can use the F4 function key and see the sample printout.

Constant: A fixed string, always the same.

From Environment: A list of environment variables is available that can be viewed with the F4 function key

```

*VD501R*          PC File Name Composition          14:11:06   6/11/24
                                                         Update
TESTVD          VALIDOC SPOOL TEST | PDF DI PROVA

PC File Name Preview:
Document Title_Num Doc_del_Doc Date_Customer_PrgFile.PDF

Order          10  Description Titolo Documento
Selecting Elements PC File Name:
From Spool:
Line Col. Len.
____ :
Or
Constant:
____
Or
From Environment:
_ : Document Title
F3=End
    
```

Press F4 to display the sample plot and select the coordinates (row, column, and length) from which to take the value that will make up the name part.

Enter a fixed value that is always the same as used for the name part

Press F4 to display the list of variables from the environment, which you can use to compose the name

```

VD502R
View Environment Var X Description
Start From : _____
Opt. Description
  (No Selection)
  _ 013 Spool Year
  _ 010 Input Print Queue
  _ 016 Input Print Queue Alias
  _ 007 Spool Date
  _ 011 User Data
  _ 020 User Data Alias
  _ 015 Spool Day
  _ 014 Spool Month
  _ 004 Job Name
F3=End Roll=PgUp-PgDwn
    
```

# PDF Configuration

To define the 'Part' of the name that contains the document number, you will need to use the 'From Print' type as follows:

The screenshot shows the 'PC File Name Composition' screen in VALIDOC. At the top, it displays '\*VD501R\*' on the left, 'PC File Name Composition' in the center, and '14:15:17 6/11/24' on the right. Below this, there is a 'TESTVD' label and a green text string 'VALIDOC SPOOL TEST | PDF DI PROVA'. A yellow callout box points to the 'VALIDOC SPOOL TEST' part, stating 'Sorting: Where to put this part of the Document Title name'. To the right of the screen is an 'Update' button. Below the main text, there is a table with columns 'Order', 'Description', and 'Document Title'. The 'Order' column has the value '10'. A yellow callout box points to the 'Description' column, stating 'Brief description of the contents of this part'. Below the table, the text 'Selecting Elements PC File Name:' is followed by three options: 'From Spool:', 'Constant:', and 'From Environment:'. The 'From Spool:' option is selected, showing a table with columns 'Line', 'Col.', and 'Len.'. The first row has values '10', '18', and '7'. A yellow callout box points to the '18' value, stating 'Press F4 to select the coordinates of the document title (in this example)'. At the bottom left, there is a prompt 'F3=End'.

The three types, Print/Constant/Environmental, are alternative. Each part of the name can have only one type.

# PDF Configuration

To select text from the printout, press F4 next to the Line field.

The Spool sample screen opens. Stand at the start point of the selection and press F13 and then at the end point and press F14. Pressing F3 returns to the previous screen with the Row, Column, and Length fields filled in based on your selection.

```

POSITIONING ---->> Page 1 of 5 N.Steps N.Copy
CAPTURE COORDINATES -->> LINE |fr |t | COL |fr |t |
*...+...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 F19=Left F20=Right F13=St. Capture F14=End Capture
  
```

F13 to capture the starting position  
F14 to capture the final position

# PDF Configuration

For example, in the figure, the name of the document will be "tstPDF\_Num Doc\_of\_Doc\_date\_Customer.PDF". Document Title ("Titolo Documento") is an environment variable, in this case defined when creating the export,

- and in this example tstPDF applies.
- 'Num Doc' is a printout value and indicates the coordinates of the document number in the print.
- 'Doc Date' and 'Customer' are also print variables.
- "of" is a constant value.

```

*VD501R*          PC File Name Composition          14:20:34   6/11/24
TESTVD          VALIDOC SPOOL TEST | PDF DI PROVA
PC File Name Preview:
Document Title_Num Doc_of_Doc Date_Customer_PrgFile.PDF

2=Change      3=Copy      4=Delete
Opt Order  Description      Value
...   10  Document Tit  tstPDF
...   20  Num Doc    10
...   30  Of        of
...   40  Doc Date  4-04-23
...   50  Customer  Soc. di prova
  
```

Variable by environment

Constant

Type

Environm

Spool

Constant

Spool

Spool

Variables extracted from the printout

F3=End Job

F6=New Item

Roll=PgUp-PgDwn

+



# PDF Configuration

Specify the root of the location where you want to save the documents. It is possible to indicate additional subfolders by filling in the position field next to the desired item for the creation of the subfolder. The location of the subfolder with respect to the root path should be indicated. For example, in the figure, the final path will be \\SERVER\PDF-VALIDOC\DDT\2023. 'DDT' is the subfolder taken from print (position 1 from print variables). '2023' is an 'environment variable', in this case, 'Print Year' (position 2). Then save with enter.

```

*VD200R*           Exports - Creation Data           14:30:55   6/11/24
                                Updating
TESTJOB VALIDOC SPOOL TEST | PDF TEST | DEF | PDF

Exports PC Format
Main Path to save PC document.....:                From Pri.
\\SERVER\PDF-VALIDOC                               L.....
Further elements position to build path.....:
Spool Name.....:   Job NUmber.....:   Lin  10 Col  50 Len  10 Pos  1
Document Title.....:   Spool Number.....:   Lin   ___ Col   ___ Len   ___ Pos   ___
User.....:   Spool Date.....:   Lin   ___ Col   ___ Len   ___ Pos   ___
Job Name.....:   Spool Time.....:   Lin   ___ Col   ___ Len   ___ Pos   ___
Copy Number.....:   Input Print Queue...:   Lin   ___ Col   ___ Len   ___ Pos   ___
User Data.....:   Form Type.....:   Paramet. From Program
Spool Year.....:   2 Spool Month.....:   Lin   ___
Spool Day.....:   ___

Key 1   ___
Key 2   ___
Pgm Name  ___
Library   ___
Context   ___

F3=End Job      F4=Search      F13=Delete
F18=Compression Option      PgDn=Parameters Index File
  
```

Root path.

Subfolder Order

Subfolder Order

Text portions that can be selected from printing with the F4 option.

Fields available for creating additional subfolders from the root path. Environment variables taken from the spool.

# First Round

Once the configuration settings are complete, you can proceed with a first test print.

Create the spool in one of the queues monitored by Validoc. Use a queue that was previously set up with the Processing Type enabled for creation.

Validoc will process the spool and the graphic print will be produced on AS/400 and the PDF on PC.

```

Gestione della coda di emissione

Coda:  PRTVALID      Libreria:  QUSRSYS      Stato:  RLS

Immettere le opzioni e premere Invio.
  1=Invio  2=Modifica  3=Congelamento  4=Cancellazione  5=Visualizzazione
  6=Rilascio  7=Messaggi  8=Attributi  9=Gestione stato stampa

Opz  File           Utente      Dati          Stat  Pagine  Copie  Tipo          Prtà
_    §0045P2        VALIDOCU    <VD> *Elab    HLD   1       1     *STD          5

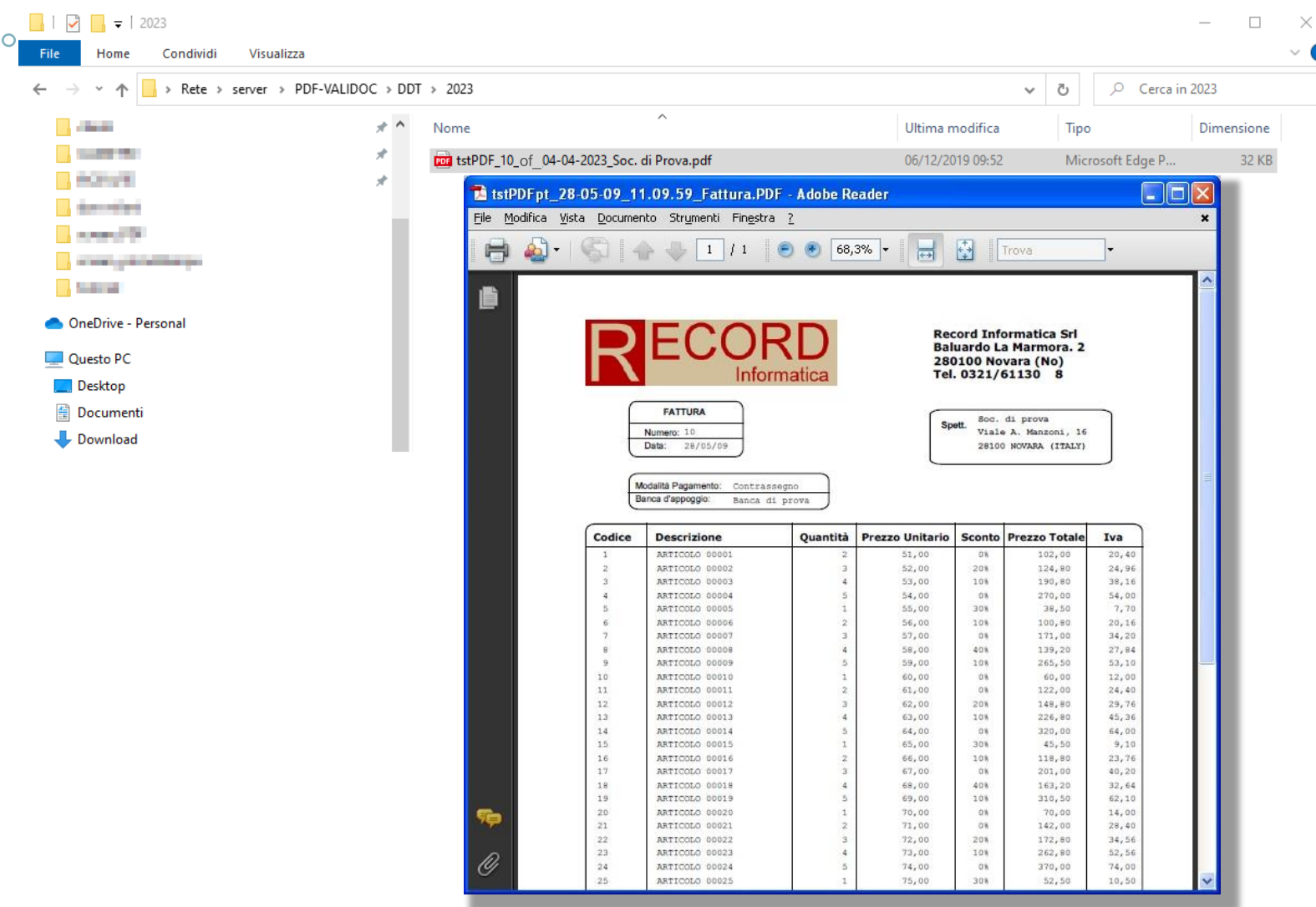
                                     Spools being processed by Validoc

                                     Fine

Parametri per opzioni 1, 2, 3 o comando
===> _____
F3=Fine           F11=Vista 2   F12=Annullamento  F20=Programmi di scrittura
F22=Stampanti    F24=Altri tasti
  
```

# First Test: PDF Creation

Here is the PDF created in the path set to AS/400 and its contents.



The screenshot shows a Windows File Explorer window with the following details:

- Path: Rete > server > PDF-VALIDOC > DDT > 2023
- File Name: tstPDF\_10\_of\_04-04-2023\_Soc. di Prova.pdf
- Modified: 06/12/2019 09:52
- Type: Microsoft Edge P...
- Size: 32 KB

The PDF content is an invoice from Record Informatica Srl. The header includes the company name and address: Record Informatica Srl, Baluardo La Marmora, 2, 28100 Novara (No), Tel. 0321/61130 8.

The invoice details are as follows:

**FATTURA**  
 Numero: 10  
 Data: 28/05/09

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

**Modalità Pagamento:** Contrassegno  
**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

# Tutorial Validoc



For further details, please refer to the Validoc Reference Manual.

The manual can be downloaded at:

[https://www.recordinformatica.it/en/registrazione-software-stampa-spool\\_en.htm](https://www.recordinformatica.it/en/registrazione-software-stampa-spool_en.htm).

Or contact Record Informatica at the following address:

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

or by calling +39 0321611308.