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Crystal Viewer 13

Welcome in Crystal Viewer



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About Crystal Viewer

Crystal Viewer is a tool allowing the execution of reports on workstations without any installed Crystal Reports license.

Crystal Viewer features:

- Direct execution of the report (rpt /rptr) on your station even if you do not own a Crystal Reports license.
- At the time of any execution, the parameter fields and the connection parameters will be required for validation.
- The functions of drill-Down (exploration of the data's specificities) are accessible in the Viewer as in Crystal Reports.
- You will be able to view the report, to navigate through the document, to print, export and export by email.
- Execution of Crystal Viewer with command lines. (Shortcuts generator)
- Export a report with command lines. (Shortcuts generator)
- Backup of the default connection parameters simple or multi DATASOURCE and/or the default parameters.
- Encrypted User ID or Password connection
- Hidden or Visible item Menu in INI file
- Automatic memorization of zoom lens during the session
- Compatibility Crystal Reports 9X to 2020

System requirement:

According to the version 32 or 64 Bits:

Windows 10, Windows Server 2008 SP2/R2, Windows Server 2012, Windows 10 Enterprise, Windows Server 2016, Windows Server 2019.

32 Bits version uses the 32 Bits database connector only.

64 Bits version uses the 64 Bits database connector only.

Technical Support STR-ITANCIA

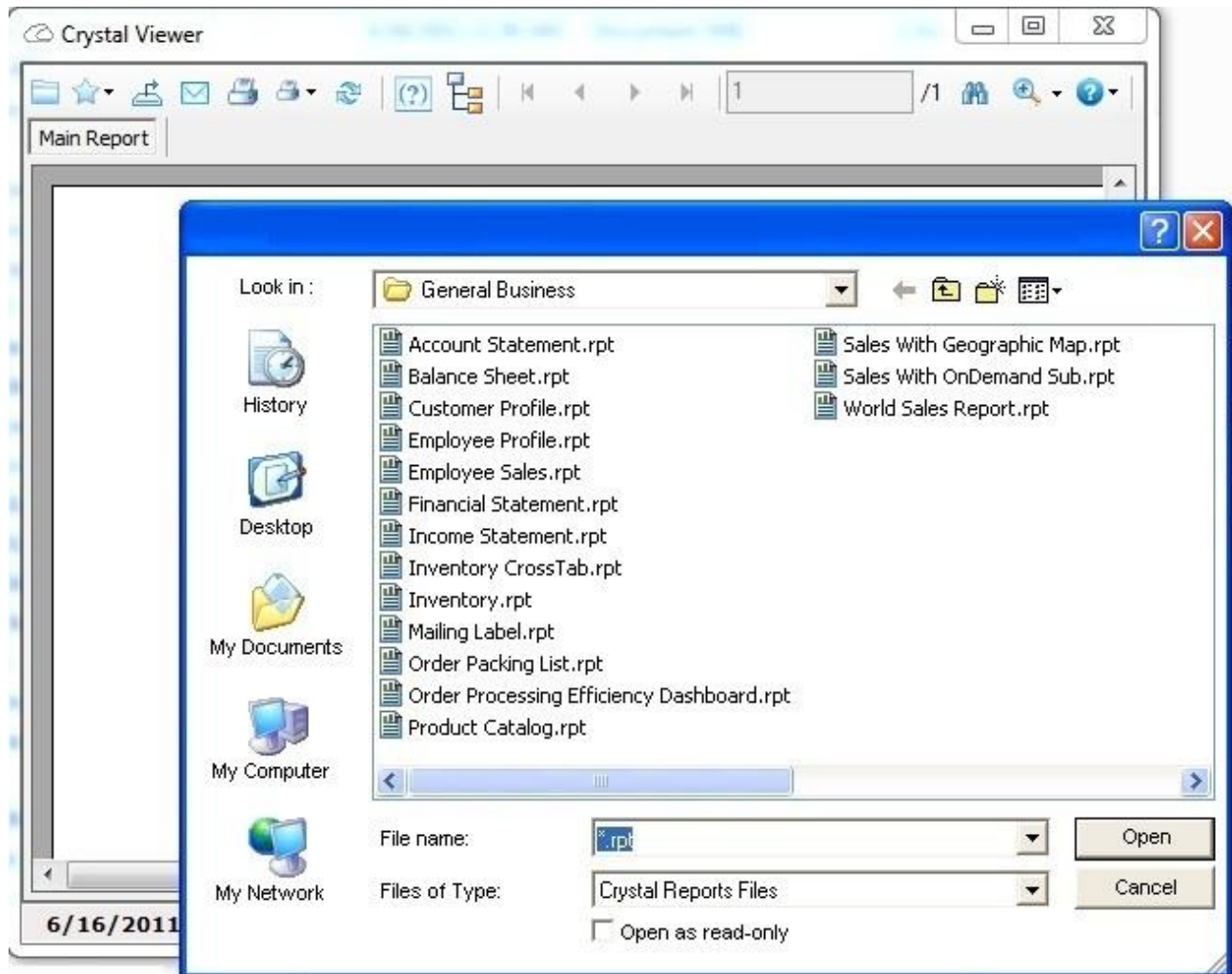
To receive information on the technical support programs available for Crystal Viewer, contact our customer service: + 33 (0) 1 30 70 61 61.

Use of Crystal Viewer

Open a Crystal Reports file (.rpt / .rptr)

To open a Crystal Reports file, click on icon 

You can then select the report you want to execute:



Once the report is selected, click on "Open": the report is launched.

Crystal Viewer

Main Report

Business Objects

Corporate (Blue)

Printed Date: 6/16/2011 Last modified: 8/1/2005

Report Description:
Report Description goes here

Country	Value
Australia	7.0
Brazil	6.0
Canada	10.0
Japan	5.0
Mexico	6.0

Australia

Customer Name	Last Year's Sales	City	Phone
Bruce's Bikes	\$ 1,138.09	Churchill	61-02-99311424
Tasmanian Devil Bikes	\$ 1,739.85	Hobart	61-01-32335455
Koala Road Bikes	\$ 6,744.80	Brisbane	61-01-52311344
Peddles of Perth	\$ 8,945.25	Perth	61-04-30339148
Down Under Bikes	\$ 1,621.20	Sydney	61-04-23556663
Canberra Bikes	\$ 10,662.75	Canberra	61-03-99231124
Kangaroo Trikes	\$ 9,594.70	Melbourne	61-05-36629921

Total for Australia: 7

Brazil

Customer Name	Last Year's Sales	City	Phone
Salvado Bike Store	\$ 5,879.70	Rio Grande	55-61-2934-3849
Brasilia Outdoors	\$ 13,466.50	Minas Gerais	55-85-1032-1093
Rio De Janeiro Bikers	\$ 133,551.30	Rio de Janeiro	55-11-4929-4929
Brasilia Bikes Inc.	\$ 14,301.70	Brasilia	55-85-3211-7382
Outdoors Ltda	\$ 2,378.35	São Paulo	55-61-2929-3723
Saveiros SA	\$ 5,879.70	São Paulo	55-85-2392-0193










Total for Brazil: 6

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6/16/2011 Corporate_Blue_EN.rpt (saved datas) 15:13:25




Description of the toolbars



-  To open a Crystal Reports file **Button Item A**
-  Favorites **Button Item B**
-  Export the report: .rpt, .pdf, .xls, .doc, rtf, csv, xml, xlsx **Button Item C**
-  Export by email: **Button Item D**
-  Print the report **Button Item E**
-  Direct Printing **Button Item F**
-  Refresh report and values of the parameter fields. **Button Item G**
-  Toggle Parameter Panel **Button Item H**
-  Toggle Group Tree **Button Item I**



Allows switching from a page to another (first page, last page ...)

-  Allows the user to search for specific text in the report **Button Item J**
-  Allows Zooming **Button Item K**
-  About / Help and register product **Button Item L**

Status Bar: Window Status Bar **Button Item M**

Other shortcut key:

- F5: Refresh data
- CTRL + P: Printing report.
- CTRL + O: Open a report.
- CTRL + E: Export by email.
- ALT + F4: End program.

P: Printing since loading a favorite using the printer affiliated with the favorite.

Export by email or export only



Allows you to export by sending email or exporting only (SMTP configuration required from the shortcut generator).

This particular e-mail export option allows you to specify the CSV export options by registry keys, to convert an RTF or DOC file to a native DOCX, or to export only to the ~ TMP subfolder.

Mailing

Export format and email(s) recipient

Enter email(s) (;)

List of email(s) (.txt)

Export Format : MS Word DOCX Conversion

Content

Subject :

Body format : Txt Html

Message :

Cancel Export only the report Enter

Registry Key:

HKEY_LOCAL_MACHINE\SOFTWARE\SSCC\Pika\Export\CSV

or

HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\SSCC\Pika\Export\CSV

CsvDelimiter "

CsvExportMode 0

CsvGroupSectionsOption 0

CsvRegistre yes

CsvReportSectionsOption 0

CsvSeparatorText ;

Manage the favorites



For a report, select your favorite state to assign a specific printer and text, then click OK.

For a file or EXE, select the item from the list to assign a command line and text to it and click OK.

Move the arrows to rearrange the display order of favorites.

Delete allows you to remove a favorite by checking one or more items in the list.

New allows you to create a favorite which, after being selected from the list, allows the creation of a favorite of type RPT, RPTR, EXE, FILE or Web URL.

Use of the command line

- The command line allows the user to launch a report (.rpt / .rptr) with parameters
- You can jointly use the INI file with the use of the command line (the priority will be given to file INI).
- The destination (mandatory):
 - E = Screen.
 - P = Printer (by default OR personalized).
 - P+ = Printer (Choice of the printer).
 - EX0 to EX9 = Export RPT/RTF/WORD/XLS/PDF/EXCEL RECORD/CSV/XML/XLSX
- The directory and the name of the report (mandatory).
- The 'record selection formula' of the report (optional): the formula must have Crystal syntax.
- The User ID for the database connection (mandatory).
- The Password for the database connection (optional).
- No Visible Item Menu (ABCDEFGHIJKLM) and/or zoom factor (from z25 to z400) (default = no entry, all item are visible and default zoom is 100%)
 - The number of printed copies (optional - default = 1, only used in mode P).
- Export path directory or PrinterName for Option P only
- Export filename
 - (For the editable RTF export case or Word 97/2003, if the extension of the output file is .docx, the export will be converted, after generation to .docx format).**
- Previous (Y or N) of the export file
- Complete path and name of INI file
- Parameters list (Name:Value)

If you meet a latency of execution only during the first launching, you have the possibility of creating one shortens in Start carrying out CRViewer.exe with like single parameter **/Q/**

Example:

```
"C:\Program Files (x86)\STR\Crystal Viewer\CRViewer.exe" /Q/
```

That will preload DLL .NET with the starting of the Windows session, accelerating of this fact next launchings.

Automatic Specification of properties for the database connection and/or fields parameters

You have to create a file named "**parviewer.ini**" in :

C:\Documents and Settings\MyName\Data\parviewer.ini

Or directory of crystal Viewer

Or other name in Command Line Mode

If the **Data** directory does not exist, created it.

(**MyName** is the Windows user login)

You can specify the logon parameters for all reports or for individual reports.

Syntax of INI file All reports :

[GLOBAL]

DSN=My_data_source

Database=My_database

UserID=My_user_id

Password=My_password

Propagate=YES or NO

Menu=ABCDEFGHIJKLM

HasRestrictExpRpt=YES ou NO Remove the export format .RPT

HasRestrictExpRptr= YES ou NO Remove the export format .RPTR

HasRestrictExpOnlyPdf= YES ou NO Define only the export format .PDF

Define a particular report:

[Report1]

DSN=My_data_source

Database=My_database

UserID=My_user_id

Password=My_password

Propagate=YES or NO

Menu= ABCDEFGHIJK

Define a subreport : (Name_of_Report-Name_of-Subreport) :

[Report1-SubreportNam.rpt]

DSN=My_data_source
Database=My_database
UserID=My_user_id
Password=My_password
Menu=ABCDEFGHIJKLM

Syntax of several DataSources:

DSN=My_data_source
Database=My_database
UserID=My_user_id
Password=My_password
DSN2=My_data_source
Database2=My_database
UserID2=My_user_id
Password2=My_password
DSN3=My_data_source
Database3=My_database
UserID3=My_user_id
Password3=My_password

And more ...

Define a parameter field value:

The field separator multi value specification is the character |

Example:

[GLOBAL]
DSN=My_data_source
Database=My_database
UserID=My_user_id
Password=My_password

Propagate=YES or NO

Menu=ABCDEFGHJKLM

HasRestrictExpRpt=YES ou NO Remove the export format .RPT

HasRestrictExpRptr= YES ou NO Remove the export format .RPTR

HasRestrictExpOnlyPdf= YES ou NO Define only the export format .PDF

Param1=DiscreteValue

Param2=MultiValue1|MultiValue2|MultiValue3|MultiValue4

Param3=RangeValue1|RangeValue2

Param4=MultiRangeValue1|MultiRangeValue2|MultiRangeValue3|MultiRangeValue4

[Report1]

DSN=My_data_source

Database=My_database

UserID=My_user_id

Password=My_password

Propagate=YES or NO

Menu=ABCDEFGHJKLM

Param1=DiscreteValue

Param2=MultiValue1|MultiValue2|MultiValue3|MultiValue4

Param3=RangeValue1|RangeValue2

Param4=MultiRangeValue1|MultiRangeValue2|MultiRangeValue3|MultiRangeValue4

Value Type supported:

DiscreteValue

Multi Value

Range Value

Multi Range Value

The special type « DiscreteValue or RangeValue » is not supported.

If a parameter has no defined value in the ini file, the user will have to enter a value

- PRINTING with selection of the number of copies.
- PRINTING with printer selection.
- EXPORTATION.

Format export.

Output directory.

Export filename.

(For the editable RTF export case or Word 97/2003, if the extension of the output file is .docx, the export will be converted, after generation to .docx format).

View export file.

Quiet mode (only in direct printing mode and export without visualization).

If the mode = S, this mode does not post any error message on the screen, it references only in the event of failure a code error with the VBScript schell which carried out it.

This mode is used only with one VBScript code.

Example of Schell vbscript allowing to carry out a shortcut in quiet mode with reception of code error.

```
Dim Path
Dim i
i = 0
Dim WshShell, oExec
Path = chr(34) + "C:\Program Files\STR\Crystal Viewer\CRViewer.exe " & chr(34) &
"EX4;C:\Report\Etat.rpt;;;;;1;c:\export;file.pdf;S;;PARAMDATE:2010/07/12;"
Set WshShell = CreateObject("WScript.Shell")
i = WshShell.run (Chemin,0,true)
Set WshShell = nothing
Select Case i
Case 0
'Successful execution
Case 1
'License error.
Case 4
'Evaluation expired
Case 5
'Invalid Command line parameters
Case 6
'File not found.
Case 30
'Impossible of load report.
Case 31
'Unexpected error or invalid parameters of values.
Case 32
```

'Printing error.

Case 33

'Connections error.

Case 34

'Subreport Connections error.

Case 35

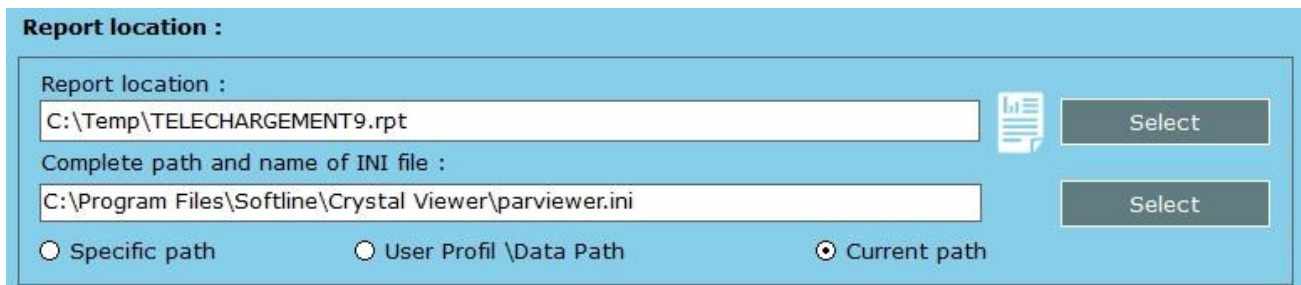
'Exportation failed.

Case Else


'Error of execution

End Select

Report location:



Report location :

Report location :
C:\Temp\TELECHARGEMENT9.rpt  Select

Complete path and name of INI file :
C:\Program Files\Softline\Crystal Viewer\parviewer.ini Select

Specific path User Profil \Data Path Current path

Choose Report.

Complete path and name of INI file:

Chose INI file.

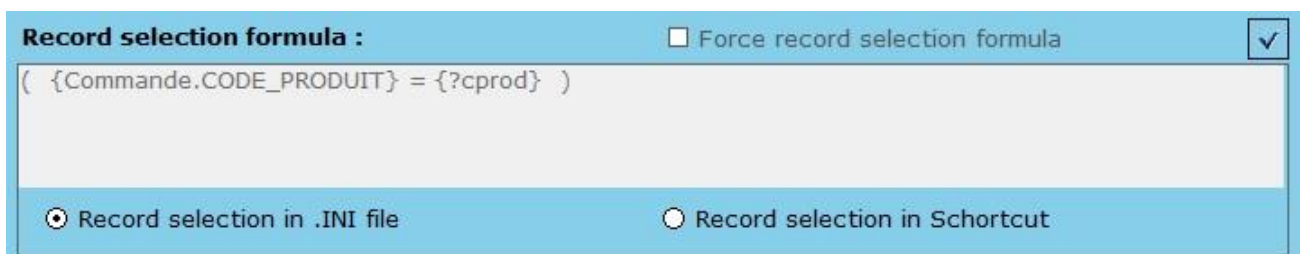
Option path:


Specific path

User profil \ Data Path

Current path of Crystal Viewer product.

Record selection formula:



Record selection formula : Force record selection formula 

({Commande.CODE_PRODUIT} = {?cprod})

Record selection in .INI file Record selection in Schortcut

Specify the record selection formula (Crystal Reports syntax).

Force record selection formulas option: only if no parameters in the report.

Record option:

Save in .INI file

Save into command line Shortcut. (The full number of characters generated by creation of shortcut should not exceed 255 characters).

Allow verify selection formula.

Database connection:

The image shows two overlapping dialog boxes. The top one is titled 'Database connection :'. It contains fields for 'UserID : sa' and 'Password :'. There are checkboxes for 'Encoding' (unchecked), 'Define connection into INI file' (checked), and 'Apply for ALL Reports' (checked). A 'Define' button is at the bottom right. The bottom dialog box is titled 'Configuration of connection'. It has fields for 'Server : ODBCTEST', 'Database : Database', 'UserID : sa', 'Password : **', and 'Integrated Security : False'. There is a checkbox for 'Apply connection at all subreports' (checked) and an 'OK' button at the bottom right.

Specify a User ID and Password.

Encoding User ID and Password.

Specify item menu screen

Or

Save connection and item menu in INI file (global section or report section)

Parameters:

Parameters :

Define parameter fields in INI file
 Define value of parameter fields

Define parameter fields in Shortcut
 Generate parameter fields in Shortcut

Define value parameter fields in Shortcut

Parameters list

cprod
numerique
PARAM3
MADATE

Start range :

octobre 2017

lun.	mar.	mer.	jeu.	ven.	sam.	dim.
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

Aujourd'hui : 25/10/2017

< Suppress value

> Add range value

Parameters values :

Type : Date Multiple Range Value Enter

Select Define parameter fields in INI file OR Define parameter fields in Shortcut

Click on Define value of parameter fields

You can define parameters in the INI file and the shortcut

Shortcuts:

Shortcut :

Title of Shortcut : Generate

Icon location : Select

Text of shortcut.

Icon of shortcut.

GENERATE allows create a shortcut.

TEST allows execute the shortcut.

COPY allows copy of command line.

VIEW allows view INI file

UFL(s)

Environment variable extraction UFL:

SLEnvUflGetValue

UFL to launch print or direct export using Crystal Viewer

SLGoUflSetValue

Installation:

Copy from 32Bits\CRUFLSLEnv.dll to C:\Windows\SysWOW64\

Copy from 32Bits\CRUFLSLGo.dll to C:\Windows\SysWOW64\

Copy from 64Bits\CRUFLSLEnv.dll to C:\Windows\System32\

Copy from 64Bits\CRUFLSLGo.dll to C:\Windows\System32\

UFL 32Bits recording

```
"C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegAsm.exe" /codebase
```

```
"C:\Windows\SysWOW64\CRUFLSLEnv.dll"
```

```
"C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegAsm.exe" /codebase
```

```
"C:\Windows\SysWOW64\CRUFLSLGo.dll"
```

UFL 64Bits recording

```
"C:\Windows\Microsoft.NET\Framework64\v4.0.30319\RegAsm.exe" /codebase
```

```
"C:\Windows\System32\CRUFLSLEnv.dll"
```

```
"C:\Windows\Microsoft.NET\Framework64\v4.0.30319\RegAsm.exe" /codebase
```

```
"C:\Windows\System32\CRUFLSLGo.dll"
```

Example of use in Crystal Reports :

```
SLEnvUflGetValue ("USERNAME");
```

```
SLGoUflSetValue ("C:\Program Files\SOFTLINE\Crystal  
Viewer\CRViewer.exe", "EX4;C:\Temp\TELECHARGEMENTEST.rpt;;;;1;C:\f;fic.pdf;S;C:\Program  
Files\Softline\Crystal Viewer\parviewer.ini;PARAM:A;PARAM2:B;PARA3:STR;");
```