



**i-net**  
**Clear Reports**  
**2016**

## **Features**

*Output formats and the various features*

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# 1 Content

This document describes the features which i-net Clear Reports supports in the different report output formats. This should help you decide for an output format for your report.

## 2 Required third party software

The following table shows which format requires third party software installed on the client to view the report in a browser.

Output Format	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Requires third party software?	✓ <sub>1)</sub>	✓ <sub>2)</sub>	– <sub>3)</sub>	✓	✓ <sub>4)</sub>	✓ <sub>5)</sub>	✓ <sub>6)</sub>	✓ <sub>7)</sub>	✗ <sub>8)</sub>	✗ <sub>9)</sub>	–	–	–	– <sub>10)11)</sub>

### 3 Supported Report Elements

The following table lists all supported design elements in the various output formats.

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Field	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Text	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓
Line	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓
Box	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓
Picture	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
Database Picture	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
Chart	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
Cross Tabs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-
Sub Reports	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-
Java Bean	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
Hyperlinks	✓	✓	✓	✓	✓	✓ <sup>12)</sup>	✓ <sup>13)</sup>	-	-	-	-	-	-	-
Watermark	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
Document (PDF, HTML, SVG)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
PDF Signature Element	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
PDF Form Field	-	✓	-	-	-	-	-	-	-	-	-	-	-	-

## 4 Element Properties

### 4.1 General Properties

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Suppress	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓
Suppress If Duplicated	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓
Keep Together	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓
Close Borders on Page Break	✓	✓	✓	✓	✓	-	-	✓	✓	✓	-	-	-	✓
Can Grow	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓
Can Grow max. Lines	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓
Tool Tip	✓	-	-	✓	-	-	✓	-	-	-	-	-	-	-

### 4.2 Border and Box Properties

The following table shows which border formatting is supported from which output format.

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Single	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Double	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Dashed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Dotted	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Shadow	✓	✓	✓	✓	✓ <sup>14)</sup>	-	✓	✓	✓	✓	-	-	-	✓
Color	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Backcolor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Rounding	✓	✓	✓	✓	✓	-	-	✓	✓	✓	-	-	-	✓
Extends to Bottom of Section	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Close Border on Page Break	✓	✓	✓	✓	✓	-	-	✓	✓	✓	-	-	-	✓

### 4.3 Crosstab Properties

The following table shows which crosstab properties are supported from which output format.

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Data	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-
Grid Lines	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-
Global Options	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-

### 4.4 Font Properties

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Font	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Size	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Color	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Bold	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Italic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Underline	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Strikeout	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓

### 4.5 Number Format

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
System Default	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓
Suppress If Zero	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓
Decimals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓
Rounding	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓
Rounding Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Decimals Separator	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓	-	✓
Thousand Separator	✓	✓	✓	✓	✓	✓ <sup>15)</sup>	like XLSX	✓	✓	✓	✓	✓	-	✓
Negative Formats	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓
Reverse Sign	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓
Disable Clipping	✓	✓	✓	✓	✓	-	- <sup>16)</sup>	✓	✓	✓	✓	✓	-	✓
Use Leading Zero	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓
Zero Format	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓
Currency Type	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓
Currency Position	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓
Currency Symbol	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓
One Currency Symbol per Page	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓	-	✓

## 4.6 Picture

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Crop	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
Scale	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
Alignment	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	-	-	-	-
Size	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-

## 4.7 Sub-report

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML



Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
On Demand Subreport	✓	✓	✓	✓	✓	✓	✓	✓ <sup>17)</sup>	✓ <sup>18)</sup>	✓ <sup>19)</sup>	-	-	-	-
On Demand Label	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
On Demand Tab Label	✓	-	-	✓	-	-	-	-	-	-	-	-	-	-

## 4.8 Hyperlink

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Export Link	✓	✓ <sup>20)</sup>	✓ <sup>21)</sup>	✓	✓ <sup>22)</sup>	✓ <sup>23)</sup>	✓ <sup>24)</sup>	-	-	-	-	-	-	-

## 4.9 Text

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Glyph Orientation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
Alignment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓
Text Rotation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Text \ Interpretation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓

## 4.10 Paragraph

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
First indent line	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓ <sup>25)</sup>	-	-	-
Left indent	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓ <sup>26)</sup>	-	-	-
Right indent	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓ <sup>27)</sup>	-	-	-

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Relative line spacing	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	-	-	-
Absolute line spacing	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	-	-	-

## 4.11 Date

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Type	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Format	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Order	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Separators	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Day of Week	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## 4.12 Time

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Type	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Format	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Base	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Position	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Separators	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## 4.13 Date Time

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Order	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Separator	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## 4.14 Boolean

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Output format	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## 5 Layout

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Section Color	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
Text Clipping	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
Drill Down	✓	✓	-	✓	-	-	-	-	-	-	-	-	-	-
Mailing Label	✓	✓	✓	✓	✓	✓ <sup>28)</sup>	✓ <sup>29)</sup>	✓	✓	✓	✓	-	-	✓
Multi Column	✓	✓	✓	✓	✓	✓ <sup>30)</sup>	✓ <sup>31)</sup>	✓	✓	✓	✓	-	-	✓
Overlapping	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	-	-	✓
Font embedding	✓	✓	-	-	-	-	-	✓	-	✓	-	-	-	-

## 6 Text Interpretation

The following table lists the Rich Text Formatting features for the different output formats.

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
bold	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
italic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
underline	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
strikethrough	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
headings (larger font)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
numbered bullet lists	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	-	-	-
numbered bullet lists (Roman numerals)	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	-	-	-
bullet lists type "circle"	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	<sup>32)</sup> ✓	-	-	-
bullet lists type "square"	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	<sup>33)</sup> ✓	-	-	-
bullet lists type "disc"	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	<sup>34)</sup> ✓	-	-	-
cascading bullet lists	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	-	-	-
alignment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓
font name	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
font size	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
font color	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓
line breaks	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓
paragraphs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓
Advanced HTML	✓	✓	✓	<sup>35)</sup> ✓	✓	<sup>36)</sup> ✓	<sup>37)</sup> ✓	✓	✓	✓	-	-	-	✓

## 7 Document Restrictions

The following table lists the possible restriction for the different output formats.

Feature	Java	PDF	SVG	HTML	RTF	XLSX	ODS	Image	PS / PS2	PS3	TXT	CSV	Data	XML
Show Group Tree	✓	✓	-	✓	-	-	-	-	-	-	-	-	-	-
Allow Printing	✓	✓	-	✓	-	-	-	-	-	-	-	-	-	-
Allow Copy of Content	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-
Allow Export	✓	-	-	✓	-	-	-	-	-	-	-	-	-	-

- 1) A Java VM is installed on most computers. It is not part of a Windows installation but it can be downloaded for free.
- 2) Adobe Reader is installed on most computers. It is not part of a Windows installation but if you order a computer with an OS then it is mostly pre-installed. Adobe Reader can be downloaded for free.
- 3) Most modern browsers have native SVG support (Firefox, Opera) or at least an installable plug-in (Internet Explorer).
- 4) , 5) , 6) RTF, XLSX and ODS require Microsoft Office or Open Office/Libre Office to be installed on the client system. Open Office and LibreOffice can be downloaded for free.
- 7) Image viewers are installed on most computers.
- 8) , 9) Postscript can not be shown in most browsers, as it is exclusively a printer language. Common viewers for Postscript are GhostView and PDF-Distiller.
- 10) You will only see an XML structure in the browser.
- 11) A Java VM is installed on most computers. It is not part of a Windows installation but if you order a computer with an OS then it is usually pre-installed. A Java VM can be downloaded for free.
- 12) Only for Text and Field
- 13) Only for Text, Field and Image
- 14) Only with border
- 15) Only default separator or no separators are possible
- 16) Clipping is always **disabled**
- 17) , 18) , 19) Can only be exported if displayed in the Java report viewer
- 20) , 21) Charts not supported
- 22) , 23) , 24) Only Text field
- 25) , 26) , 27) The indent must be larger as a character width
- 28) , 29) , 30) , 31) All labels will be written in one column if layout property 'Across then Down' is not set
- 32) , 33) , 34) It uses \*, # and o for the bullets
- 35) As content of <DIV>- element
- 36) , 37) Advanced HTML elements as images