

# **PrintReports**

(C:\Rgm2000\Doc\PrintReports.Doc)

## **SOFTWARE PRODUCT LICENSE**

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This program is used for viewing, editing and printing of RGM reports. Including: adjustment reports, Regev-2000 editor printings, Geo-2000 reports, Data-Collector reports, coordinate transformation reports, and so on.

The main window is divided into 3 pages:

1. Settings – contains editing possibilities.
2. Report – preview the report and offer more editing possibilities.
3. Help – Show this document.

## **The Settings Page:**

1. Page dimensions – Defines the number of lines in each page, and the number of characters in each line. Indirectly, defines also the font size. Because the constant relation, between the number of lines to the number of characters, is automatically kept between the height of a character to its width. When one is defined, the other is updated automatically. Note: the number of characters in line is set to be not less than the longest line in the report. Only when the “Allow data lost” check box is checked, the program permit the situation were long lines are cut and data is lost.
2. Char size – Show the character sizes (font size and also width and height in millimeters) according to the defined number of lines and number of characters per line. Also, by clicking the up and down arrows, the character sizes are changed, and redefine the number of lines and the number of characters per line. The “Ratio” defines the ratio between the character height and its width.
3. Page border spaces – Defines the borders around the page. Meaning: the number of space lines on top of the page, the number of lines at the bottom of the page, the number of space characters at the left side, and the number of space characters on the right side of the page.
4. Tables – Defines table properties (reports are built mostly from tables). Space between columns defines the space (in space characters) between each two columns in tables. Draw grid enables or disables the option of drawing grid lines in tables. Include line numbers enables or disables the serial line number column in tables.

5. Top and bottom office titles – Defines constant office titles, to be printed on top and bottom of each page. You have to type those titles only once. It is possible to use and combine special symbols within those titles. The symbol #PGN+? will be replaced with a page counter (? Is the first page number). The symbol #D will be replaced with the current day of the date. The symbol #M will be replaced with the current month of the date. The symbol #Y will be replaced with the current year of the date. So, for example, to combine the date, you may type: “#D/#M/#Y” or “#M-#D-#Y” etc. The symbol #h will be replaced with the current hour of the time. The symbol #m will be replaced with the current minute of the time. The symbol #s will be replaced with the current second of the time. So, for example, to combine the time, you may type: “#h:#m:#s” or “#h:#m” etc. Also, a title line, starting or ending with a “>” symbol, will be aligned to the left side. A title line, starting or ending with a “<” symbol, will be aligned to the right side. A title line, starting or ending with a “=” symbol, will be aligned to the center.
6. Colors – Defines colors for different types of information in the report.  
Office titles – Color for the top and bottom office titles.  
Main titles – Color for main titles in the report.  
Sec. titles – Color for secondary titles in the report.  
Table titles – Color for columns headers on top of each table.  
Table data – Color for information within tables.  
Info lines – Color for any other information lines.  
To change a color, click on its square, which is painted with the current selected color.
7. Save default settings – This button is used to save the entire settings (on the settings page) into a file, under the constant name: “C:\Rgm2000\User\TabsRep.Def”.
8. Load default settings – This button is used to load the entire settings (on the settings page) from a file, having the constant name: “C:\Rgm2000\User\TabsRep.Def”.

## **The Report Page:**

The report is viewed on this page. The following buttons exists at the bottom:

1. Pages – On the right side, the total number of pages in the report is displayed with the word “Pages”. Above it, there is a box, used to accept a requested page number. To jump to a requested page, you can also click the small up and down arrows, which are connected to that box.
2. Home – Jump to the first page.
3. End – Jump to the last page.
4. Load – Load another report file. The extension of the report files is: “RPT”. This type of reports is special to RGM programs.

5. Save – Save the current report into a file, under a chosen name.
6. Units – Let you change the units and their formatting in the report. When clicking this button, the standard units editor window of RGM will open. On closing it, the report preview will be updated according to the changes made. The report file contains in it, also the units definitions and formatting, so save operation is needed to save the units changes.
7. Font – Let you change the font for the entire report. The font also is saved with the report file, as the units. For Hebrew language, a proper font need to be selected.
8. Table - – Hide table columns. The program, which creates the report, gives a degree of importance to each column. This button hides the next degree of less importance.
9. Table + – Show back hidden columns. This is the opposite of Table -.
10. Zoom - – Show the preview in higher scale, so the paper page goes smaller.
11. Zoom + – Show the preview in lower scale, so the paper page goes larger.
12. Del blk – Erase a block of lines from the report. But first, the block needs to be marked. Click the first line, and then hold the Shift key and click the last line. If no block is marked, clicking this button will ask the question: “Delete all space lines?” Clicking “Yes” will erase all of the space line in the report.
13. Pick blk – Erase all, except a marked block of lines.
14. Page|... – Insert or delete a sign for a new page, just after the selected line (selection of a block containing one line).
15. Ins Rem – Insert a free remark into the report, before or after the selected line (selection of a block containing one line).
16. Text File – Save the report as a text file, under a chosen file name.
17. Printer – Open the Windows dialog box, installed for your printer, where you can change the printer settings. Switching printer is done using the operating system.
18. Print – Send the report to be printed on paper.

**END**