

\*\*\* The descriptions for the new functions in SmartControl 1.4 are in the document \*\*\*  
\*\*\* "New functions SmartControl 1.4.pdf" in the directory of SmartControl\Docs \*\*\*

SmartControl 1.3.0  
Newest Information

This document describes news and changes to the software since the release of SmartControl 1.2.4. Please note, that some of this changes could not apply to your version of SmartControl, because you own a software with less functions or the respective option is not activated.

Date: 30.05.2003

1. Setup

1.1 The Setup now searches for an installed version of SmartControl and asks, if found, to update it.

2. Changes System-/Devicetables

2.1 There is now the possibility to create a report of the selected system table which includes all contained devices for preview and print.

2.2 You now could configure a TCP/IP connection for each system table in form of xxx.xxx.xxx.xxx,pppp including Ip-Address (xxx...) and Portnumber (pppp). To use this function, the connection mode must be switched to "Use TCP/IP Connection" in the dialog "Communication port settings". If then one of the system tables is configured for TCP/IP connection, the connection for this system table is created with the Ip-Address and Portnumber of that system table. As of this time, the option Multi TCP/IP could only be used for the function "Automatic query".

The options TCP/IP and Multi TCP/IP must be unlocked in order to use this function.

3. System tables

3.1 The function to configure alarm categorization is added to the dialog System Tables. For every channel could be configured, if an alert window will be displayed and / or the central actor will be triggered, if there is an alarm.

4. Measuring Value List

4.1 The column width of every column could now be changed by dragging the border of that column. If the shift key is pressed during the dragging, all columns will be sized to the same width.

4.2 The printing of the Measuring Value List could now be cancelled by clicking the Cancel button.

4.3 The export of the values could now be cancelled by pressing [ESC].

4.4 A new Filter function is added to the Measuring Value List to filter the values by date and time. To use this function, the data files (\*.ldc) have to be organized as Daily, Weekly or Monthly files. Within the Filter Dialog, the times for the filtering process could be selected.

For this function, the option "Pharma" must be unlocked.

5. New Text Display Diagrams

5.1 New, simplified Text Display Diagrams are added to the software. The Diagramms could be easily sized, when the container which is holding the diagrams, is sized.

5.2 The Text Display Diagrams are also added to the Project Visualization section of the software.

6. New Wind Rose Displays

6.1 New Wind Rose Displays are added to the software. The Wind Rose Displays are showing Wind direction datas in form of a Wind Rose or Compass Card in Angles between 0° and 360°

6.2 The Wind Rose Displays are also added to the Project Visualization section of the software.

7. Backup files

7.1 The creation of backup files could now be switched on or of in the dialog "Options/System Settings/System". Delivery state is unchecked and could only be checked on, when the Option Panel/Alarm is unlocked and the user is logged an as Administrator.

8. All Diagrams

8.1 All Diagrams are now using the standard window colors for the titles and the background.

8.2 Axes Scaling of the Y/t Diagrams could now also be called from the page "Axes Definition"

of the Dialog "Diagram Options".

## 9. Views

9.1 A Views Bar is added to the software, which contains following actions and views:

\* Diagrams: In this section, all configured diagrams with their respective titles are listed. Using the checkbox at the left of the title, the diagram could be hidden or shown. Double clicking the entry brings the diagram to the top.

\* Window: In this section, the following windows and dialogs are listed, when they are running:

1. Measuring Value List
2. Event Protocol
3. Pump Control (OP-Pharma with Opus 208 as Particel measuring device)
4. Unquitted Alarms
5. The Windows of the Daily, Monthly and Yearly Reports.

Using the checkbox at the left of the entry, the window could be hidden or shown. Double clicking the entry brings the window to the top.

\* Reports:

Double clicking an entry from that section lets you run the specific report.

There are buttons in the header of the view bar, with which you can save and load the views of your visualizations. If you save the layout, all configured diagrams and the complete project visualization is saved to disk. A view could only be loaded, if the loaded configuration and the configuration of the saved view are the same. The views are saved in files with the extension '\*.lof' in the directory \layouts.

## 10. Daily, Monthly and Yearly Reports

10.1 The functionality to create Reports for Days, Months or years was added to the software.

The corresponding report type could be called over the views bar. After selecting the reporttime, the report will be shown. The daily reports are containing hourly mean values

(or sums) assigned to the full hours of the corresponding day. Monthly reports are containing

daily mean values (or sums) assigned to the full days of the corresponding month. Yearly

reports are containing monthly mean values (or sums) assigned to the full month of the corresponding year. For all reports common, the footer contains the effective min and

max values with date and time, and the list mean value (calculated over the mean values of the report) or the sum of the of the sums of the report.

The values could be exported using the export button of the window. Also the report could be

printed using the print button. With the settings button, you can select the dimension, for

which a summation instead of a mean value calculation should be done. To close the report,

use the Close Report Button. With the arrow buttons on the right side of the report, you can

move the time by the amount of the selected report time. Double clicking an row

of an report, the next smaller report type will created, e.g. clicking on a month row in an

yearly report, a new report will be opened, containing the monthly report for the month, on which

you have clicked.

## 11. Joining files

11.1 The function "Joining files" is now faster due to an rewrite of the internal sorting function.

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