

elproLOG MONITOR

Operation Manual
Version 3.xx



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Used Symbols & Designation Key



Note



IMPORTANT INFORMATION OR WARNING



Reference to resuming chapter [xxx / yyy / zzz; e.g. 5.9.1 *Alarm Protocol Structure / Title / PC time*] or document



In the interest of our customers, we reserve the right to make any changes resulting from technical advances. Therefore, schemes, descriptions and extent of delivery are subject to change without any notice!


This manual is valid as from software release 3.6x


1. Introduction to elproLOG MONITOR

This application is used to supervise, to display and archiving data of network dataloggers (ECOLOG-NET) as well as forwarding limit values violations.

*elproLOG
ANALYZE*




For the configuration of the dataloggers the software elproLOG ANALYZE is required.  Operation manuals SE3401E & SE3002E

The dataloggers to be monitored are put into different groups according to customer facility structures. For this organizational work elproLOG CONFIG is used.  Operation manual SU3001E

elproLOG CONFIG



To control user access, all entries are supervised by elproLOG USER.  Operation manual SU3001E

elproLOG USER






The following functions are part of the software:



- Datalogger supervision and regularly updated measurement values.
- Alarm monitoring and log files.
- Automatic data backup to an mdf file, readable with elproLOG ANALYZE (21CFR11 compliant file).

2. How to Start Monitoring Tasks

2.1 New Task

 *elproLOG*
CONFIG 


1. Define a group with the loggers to be monitored. The result of this work is a group configuration file with the file ending .gcf gcf
2. Select the desired gcf-file and configure the monitoring task
 4.1 *Basic Settings* & 5. *Alarm Settings*
3. Setup a new monitoring task
 3. *Menus - Functions - Icons / File / New*
4. Select the group, define "Measuring" and "View"
 4.2 *Group Settings*

Examples for the two representation possibilities  7. *Data Representation*
Representation 



Only not selected groups are listed.

2.2 Change Group

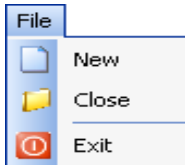
Select the group, define the cycle time and the data representation possibility  4.2 *Group Settings* & 7. *Data Representation*

3. Menus - Functions - Icons

The following functions are available in the elproLOG MONITOR software:

3.1 Menus - Functions

File



New

Open a new group which has to be monitored

 [4.2 Group Settings](#)

Group



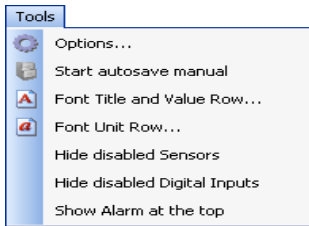
Settings

Used to change the monitored group and to assign the independent cycle time for each group.

 [4.2 Group Settings](#)

After a restart of the program, the last selected groups will be monitored automatically.

Tools



Options

This function is used for all possible program settings.

 [4.1 Basic Settings](#)

Start autosave manual

This function is used to perform an autosave as mdf-file right now

 [5.12 Autosave as MDF](#)

Font....

Use these settings to match the used fonts of the main window

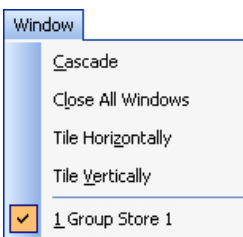
Hide disabled...

Sensors / digital inputs which are disabled in elproLOG CONFIG, are not represented in the in the elproLOG MONITOR main screen.

Show alarm at the top

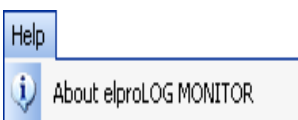
Alarm conditions are shown on top of the list and not in a simple alphabetic order.

Window



Function to organize your screen

Help



About elproLOG MONITOR

Detailed information about the installed software version

Change Password

As long as elproLOG USER is not used, this password function allows to control the access rights over elproLOG MONITOR.

3.2 Icons



Acoustic alarm

Switches the local (pc), acoustic alarm off



Alarm Window

Used to open the alarm window

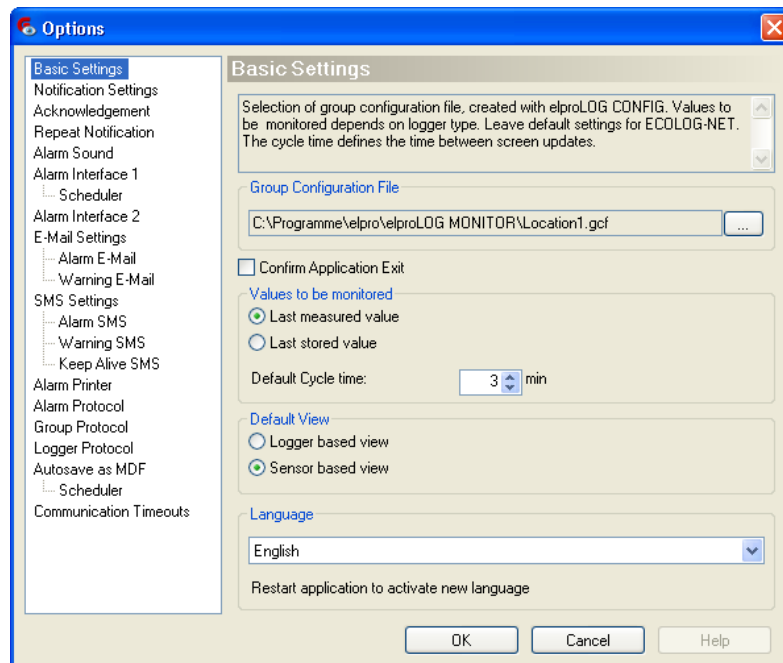
This icon is going to blink red, as soon as an alarm has been released. It stays active till the alarm has been confirmed even the alarm has vanished.



4. Configuration

4.1 Basic Settings

Select in the "Tools" menu "Options" to open the window



Group Configuration File

Location where the configurations from elproLOG CONFIG (gcf files) are stored.

Values to be monitored



4.1.1 Values

Default Cycle time

Time between 2 scans over the selected group of dataloggers. This parameter may be changed for each group individually in the "Settings" window. It does not influence the measurement logging interval of the dataloggers!

Default: 3 Minutes



4.2 Group Settings

Default View

Switch between logger based or sensor based representation

Language

Current application languages: German or English

For further details see also the window related comment



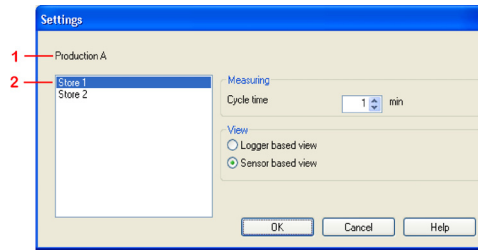
Confirm all entries by pressing the OK button and continue the settings with the selection of the datalogger group to be monitored.

4.1.1 Values

For a safe monitoring of a data logger the following information should be taken into consideration		
Value	Setting	Comment
Last measured value	Default setting	For an easy evaluation of the different protocols, the logging interval of the data loggers being monitored, should not be longer than half of the cycle time. For logging intervals (> 2 minutes) the data of the loggers will be updated at least once per minute. In this case the cycle time should not be faster than 2 minutes.
Last stored value	Required for the first series of ECOLOG-NET data loggers or for loggers with serial interface only.	The data for elproLOG MONITOR will be up-dated in the logging interval regardless of the data logger settings.

4.2 Group Settings

Select in the "Group" menu "Settings" to open the window



1. In 4.1 Basic Settings selected group configuration file.
2. Group names of the data logger groups defined in elproLOG CONFIG. The selected group name is used to refer the monitoring window.

Measuring

This is the time between 2 scans applied for the selected group only.

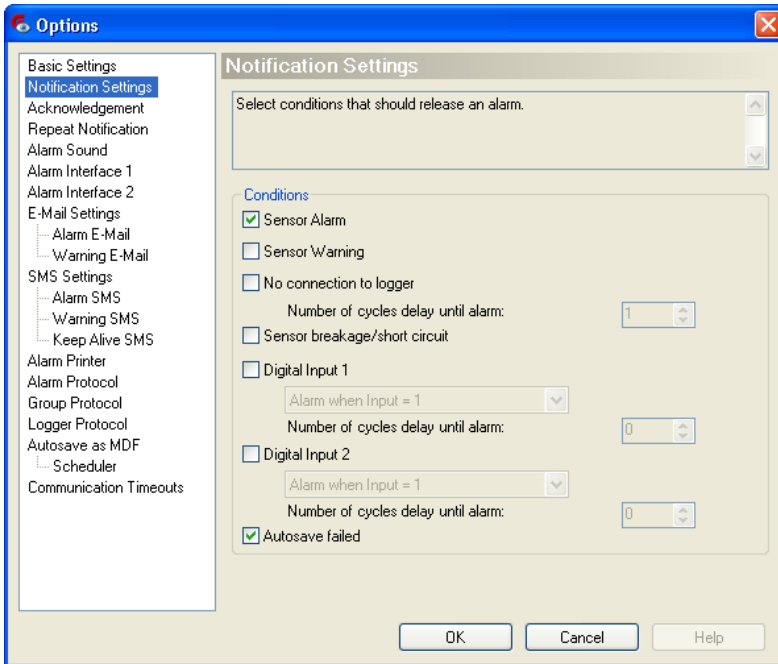
View

Switch between logger based or sensor based representation

5. Alarm Settings

The following settings are part of the "Tools / Options" menu. They are used to define the alarm parameters and alarm reactions.

5.1 Notification Settings



Alarms are recognized by elproLOG MONITOR only, if they are active at the time of cycle reading!



An alarm indicated by the logger limit values will be recognized.

Sensor Alarm

An alarm indicated by the elproLOG CONFIG limit values.

Sensor Warning

If the communication with a particular logger gets lost, it will be treated as an alarm (network problems).

No connection to logger

These sensor error messages will be treated as an alarm.


Sensor breakage / short circuit

Digital Input 1 / 2

The digital inputs off the logger could be forwarded as an alarm from an external device hooked up to the logger

Alarm if Input = 1	Switch between Digital Input 1/2 and GND closed
Alarm if Input = 0	Switch between Digital Input 1/2 and GND open

Autosave failed

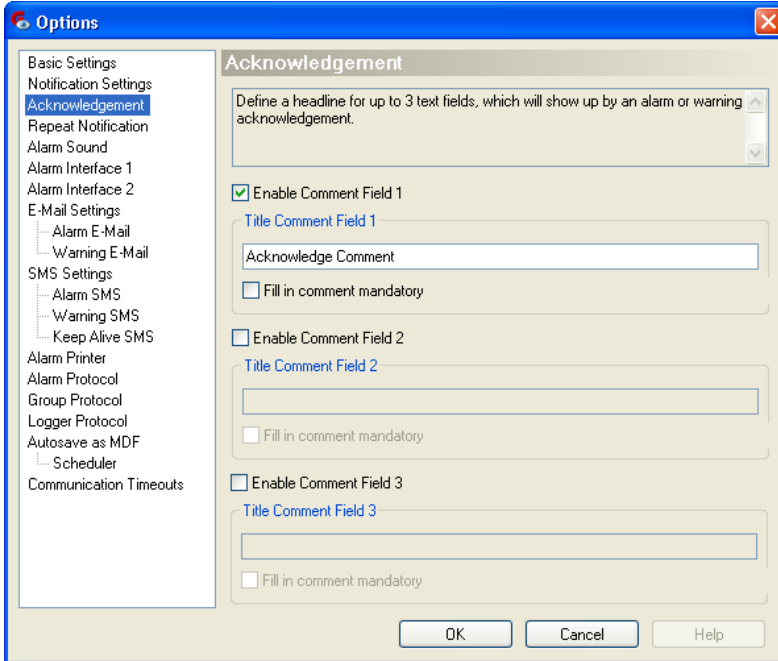
This message will be treated as an alarm in cases where autosave of logger data failed.  5.12 Autosave as MDF


Recommendation for the hierarchy of the warning / alarm notification

Deviation	Limit value	Notification State	Example
++	Logger (see status)	Alarm	28?
+	elproLOG CONFIG	Warning	22°C
		o.k.	20?
-	elproLOG CONFIG	Warning	17?
--	Logger (see status)	Alarm	9?

5.2 Acknowledgement

Definition of up to 3 text fields and their title row for the documentation of an alarm or a warning message.



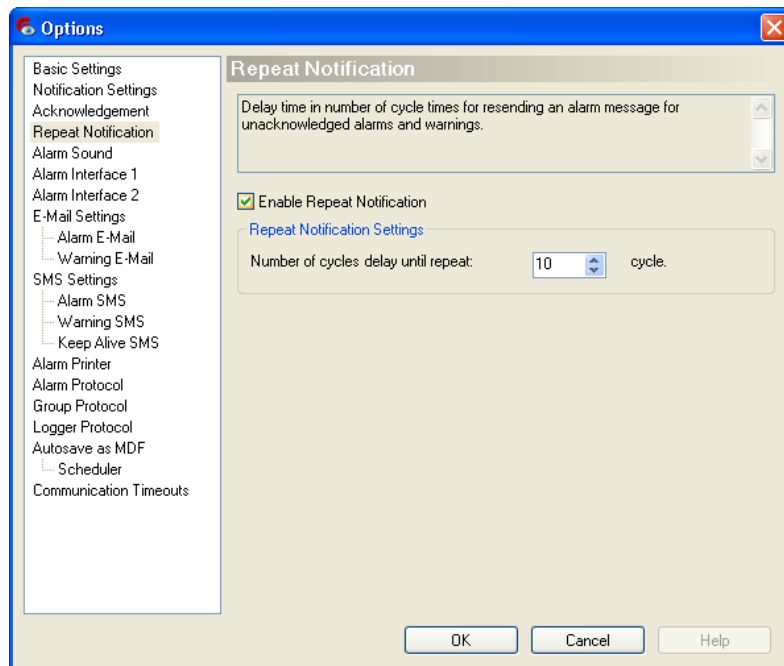
To acknowledge an alarm, a comment has to be entered into the "Alarm Acknowledgement" window.  8.1.1 Notes About the Alarm Reason

Fill in comment mandatory

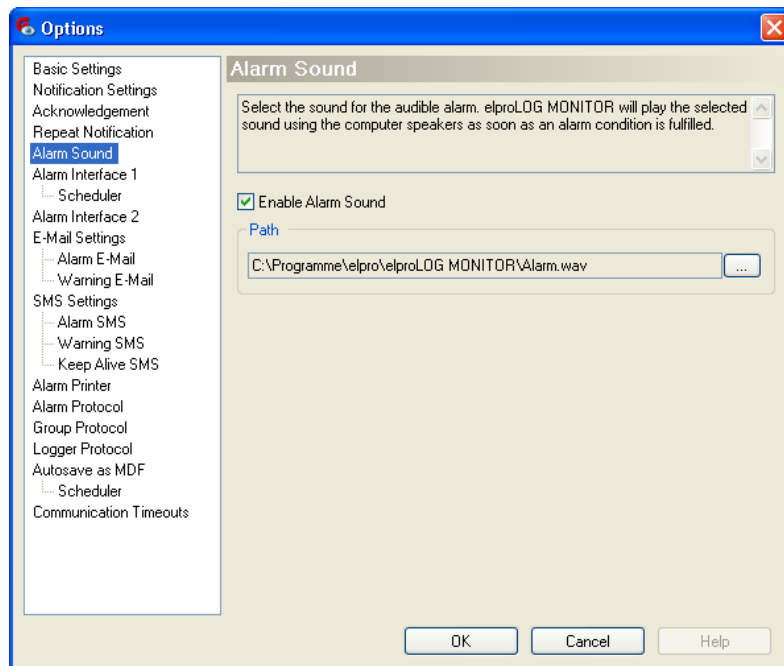
5.3 Repeat Notification

Delay time in number of cycles till an active alarm- warning notification will be repeated.

Active alarms and warnings are repeated only.



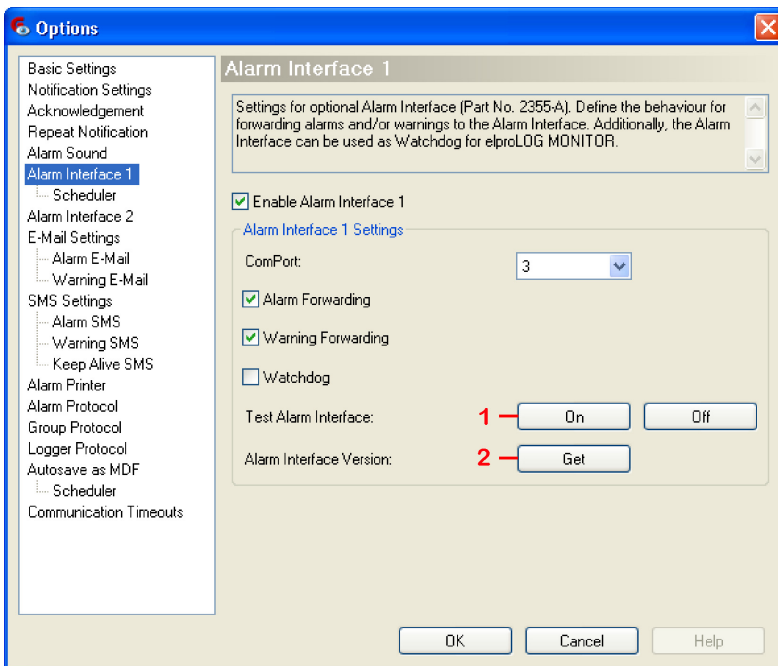
5.4 Alarm Sound



Path

Directory which contains the desired acoustic alarm.

5.5 Alarm Interface 1/2



1. By activating the test function (Test alarm Interface ON), the 2nd relay in the alarm interface is switched on after 30 s and not after 20 min as under normal condition.
2. Service function to identify the firmware version (old V1.2 / current V1.7) of the alarm interface used

This check box activates the features of the optional Alarm Interface (part no 2355-A). For technical details see: user manual of the alarm interface D-AD-2102E.

Enable Alarm Interface

To select the communication port where the Alarm Interface is connected to.

ComPort

This check box activates the alarm interface

5.1 Notification Settings / Conditions.

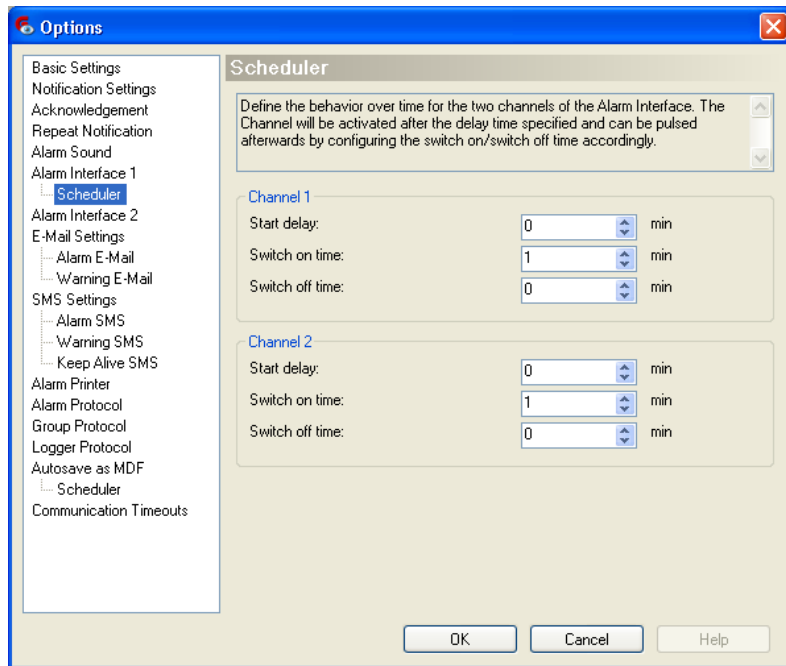
Alarm Forwarding Warning Forwarding

This check box activates a watchdog function that will release an alarm as soon as the communication between the PC and the Alarm Interface breaks down.

Watchdog

5.5.1 Alarm Interface Scheduler

 **AVAILABLE FROM FIRMWARE VERSION 1.7 OR HIGHER**




Start delay

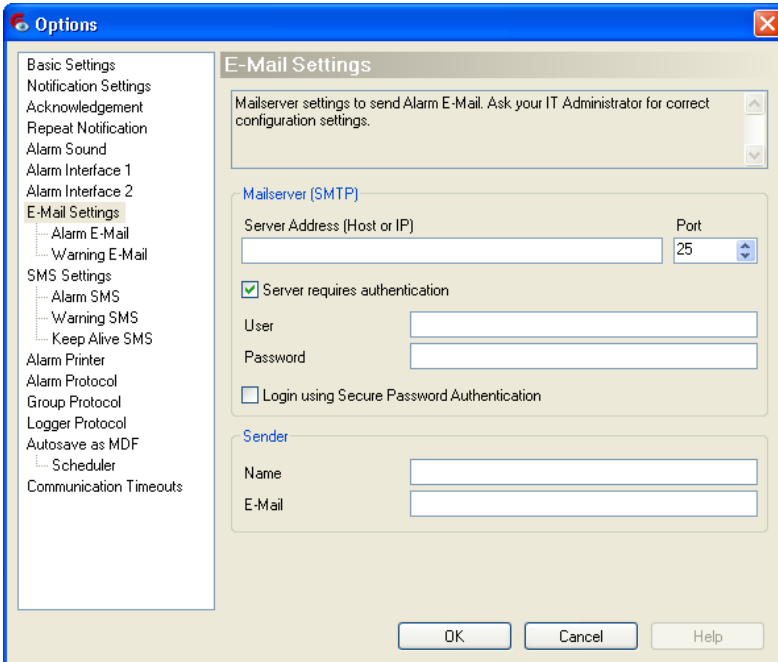
Delay time between the registration of an alarm by elproLOG MONITOR and the activation of the alarm interface.

**Switch on time
Switch off time**

Change over switch function during the period of an alarm

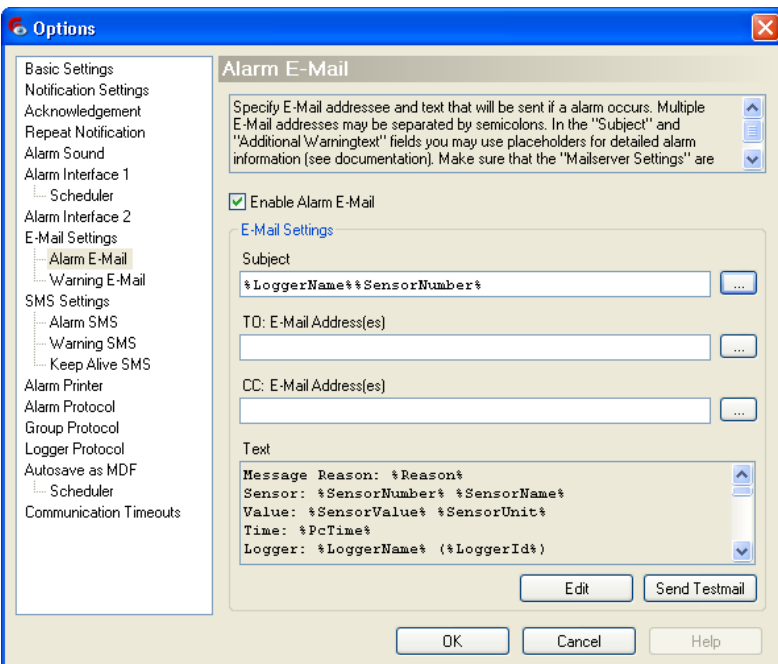
For details about the delay times  [8.2 Time Responds - Alarm Sequence](#)

5.6 E-Mail Settings



IF THESE INFORMATION ARE INCORRECT, THE ALARM E-MAILS WILL NOT REACH THEIR RECIPIENTS!

5.6.1 Alarm E-Mail



Enable Alarm E-Mail This check box activates the E-Mail forwarding feature

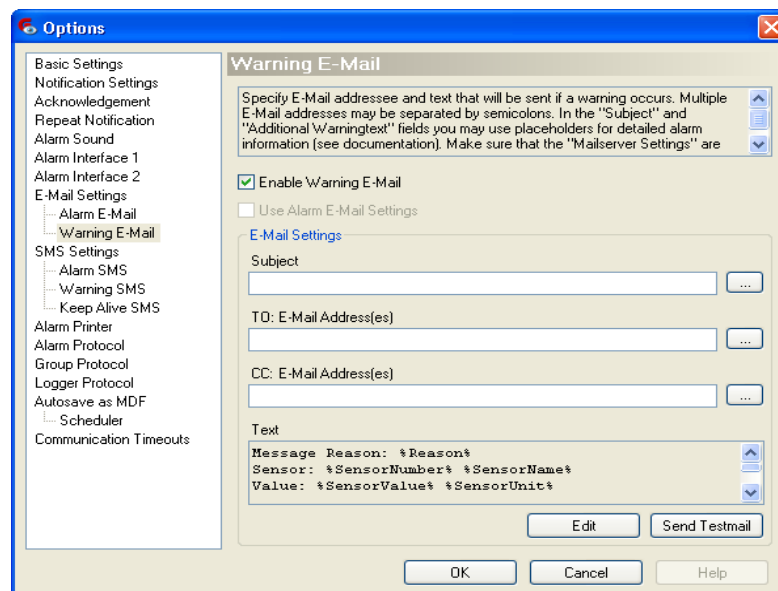
Subject, TO, CC These are common used information for addressing an E-Mail.

All information needed to identify a troubled measurement is automatically enclosed in the E-Mail

Text / Button: Edit This block contains information like: process information, responsibilities and instructions and will be added to each alarm E-Mail.

 6. Alarm Text Editor

5.6.2 Warning E-Mail



Enable Warning E-Mail If this check box is activated, the settings from the alarm E-Mail are used for the warning E-Mail.

Subject, TO, CC These are common used information for addressing an E-Mail.

All information needed to identify a troubled measurement is automatically enclosed in the E-Mail

Text / Button: Edit This block contains information like: process information, responsibilities and instructions and will be added to each warning E-Mail.

 6. Alarm Text Editor

5.6.3 Example: GMX Account for Test Purpose

Server Address (Host or IP)	mail.gmx.com
Server requires authentication	select check box
User	Your_Address@gmx.com
Password	Your GMX password
Application Name	Any sender name
E-Mail	Your_Address@gmx.com

5.6.4 E-Mail Example

Message Reason: Alarm limit exceeded
Sensor: S2 Production A, Humidity Shelf 1
Value: 57.05 %rF
Time: 01.09.2008 09:10:09
Logger: Production A, Shelf 1 (12358)
Group: Store 1

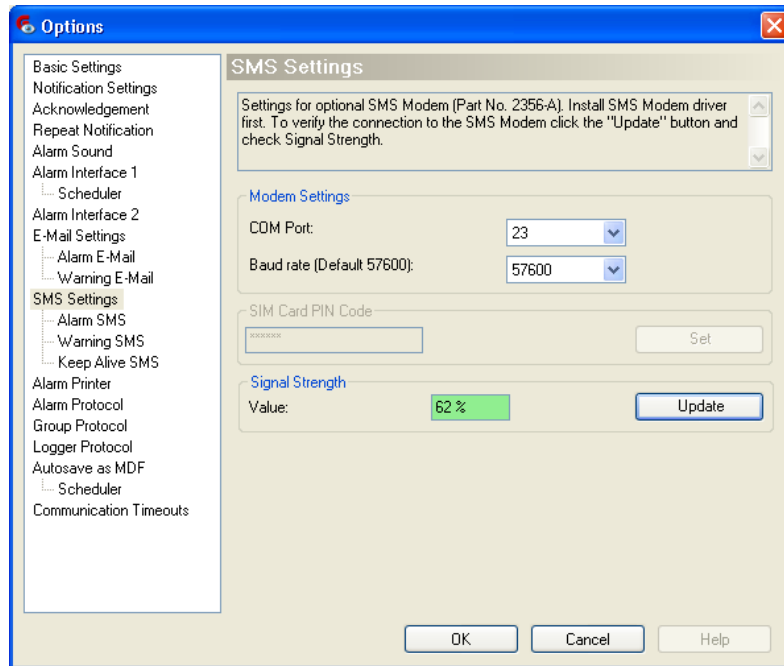
Sensors:

S1: Production A, Temperature Shelf 1	Value: 40.43 °C	State: OK
S2: Production A, Humidity Shelf 1	Value: 57.05 %rF	State: Alarm
S3:	Value: State: Disabled	
S4:	Value: State: Disabled	
S5:	Value: State: Disabled	
S6:	Value: State: Disabled	
S7:	Value: State: Disabled	
S8:	Value: State: Disabled	

Digital Inputs:

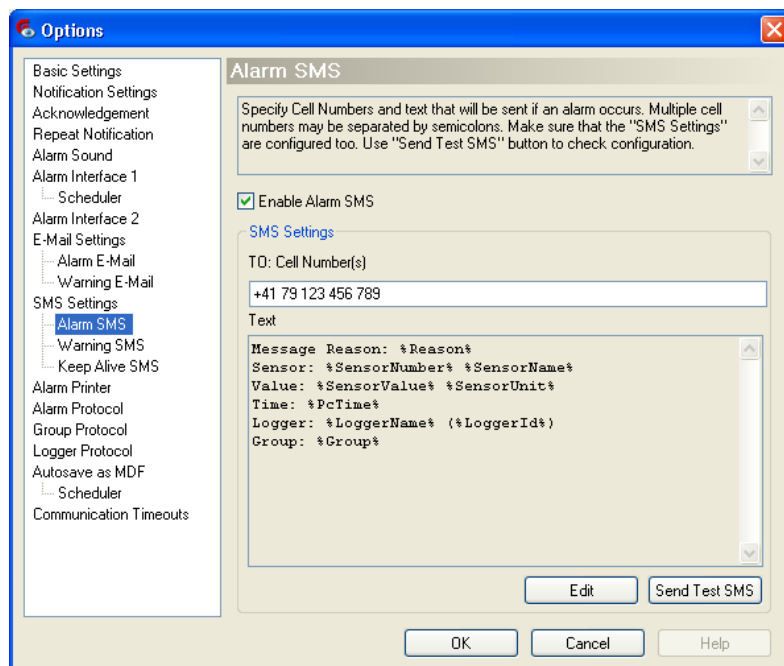
D1: Door open switch	Value: 0 open	State: OK
D2:	Value: 0	State: Disabled

5.7 SMS Settings



IF THESE INFORMATION ARE INCORRECT, OR THE SIGNAL STRENGTH IS TOO LOW THE ALARM SMS WILL NOT REACH THEIR RECIPIENTS!

5.7.1 Alarm SMS




This check box activates this SMS feature

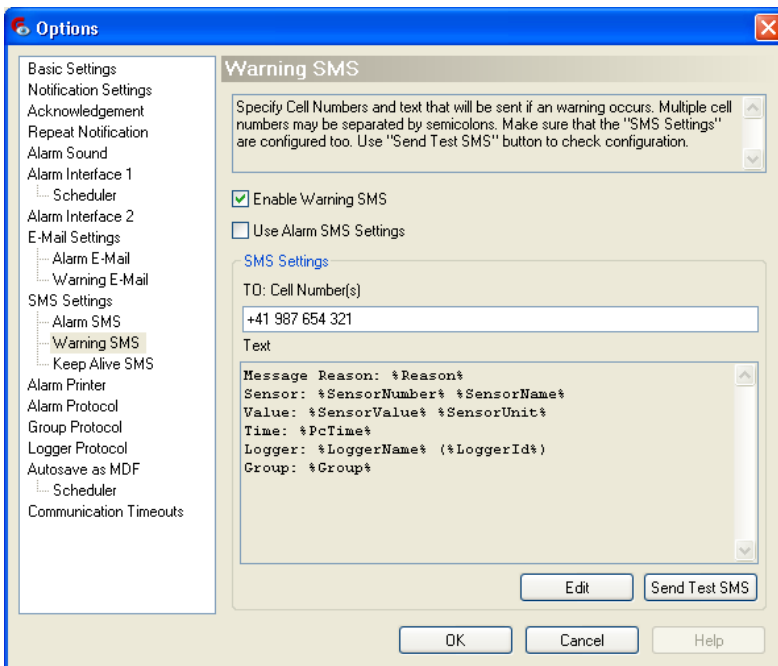
Enable Alarm SMS

This block contains information like: process information, responsibilities and instructions and will be added to each alarm SMS.

Text / Button: Edit

 6. Alarm Text Editor

5.7.2 Warning SMS



If this check box is activated, the settings from the alarm SMS are used for the warning SMS.

Use Alarm SMS Settings

This block contains information like: process information, responsibilities and instructions and will be added to each warning SMS.

Text / Button: Edit

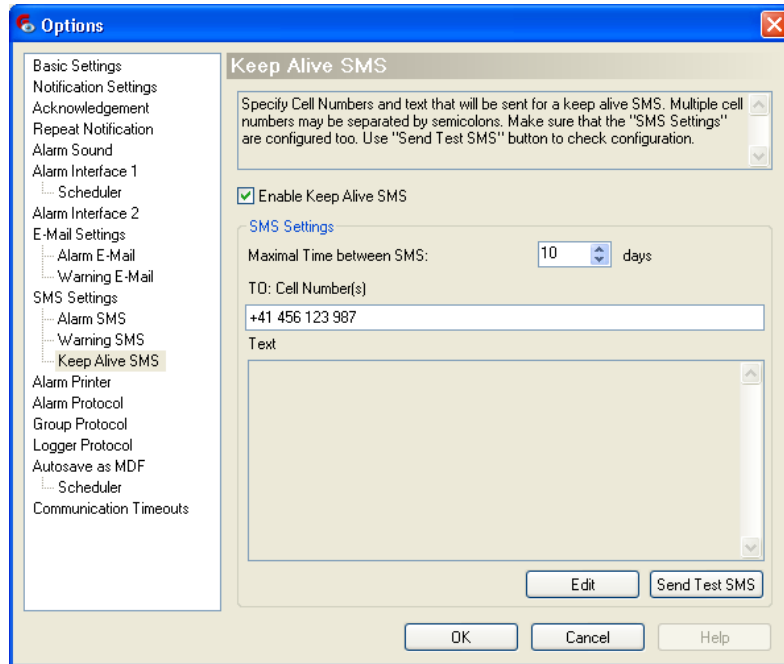
 6. Alarm Text Editor

5.7.3 Keep Alive SMS

Important for prepaid SIM card



Some providers are going to lock the mobile abo, if it is not used for a certain period of time. This function is used to send a repeated SMS which avoids the locking of the mobile abo.



Enable Keep Alive SMS

This check box activates this SMS feature

Maximal Time between SMS

Delay time between the keep alive SMS

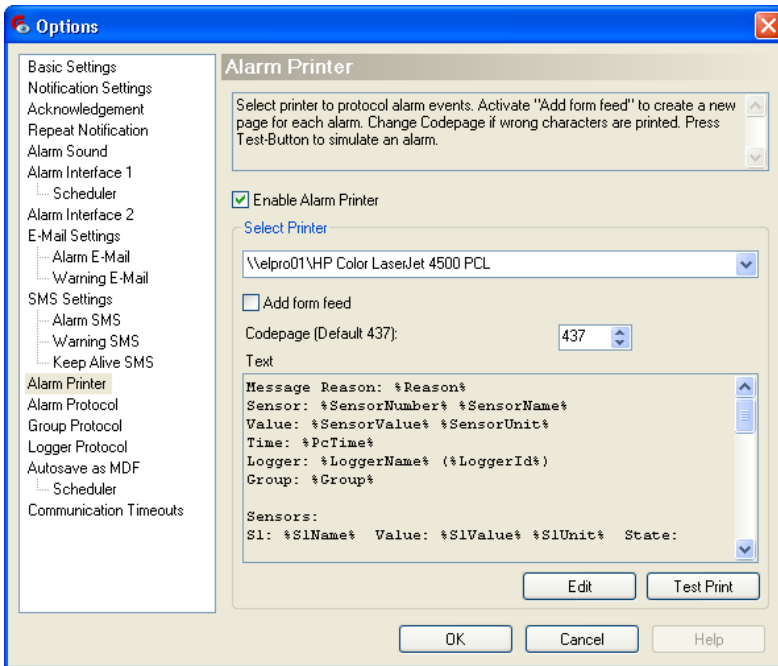
Text / Button: Edit

This block contains information like: process information, responsibilities and instructions and will be added to each "Keep Alive SMS".



6. Alarm Text Editor

5.8 Alarm Printer



This check box activates the alarm printer function. Each alarm event is going to lead to a print out on the selected printer.

Enable Alarm Printer

This block contains information like: process information, responsibilities and instructions and will be added to each alarm printout.


Text / Button: Edit

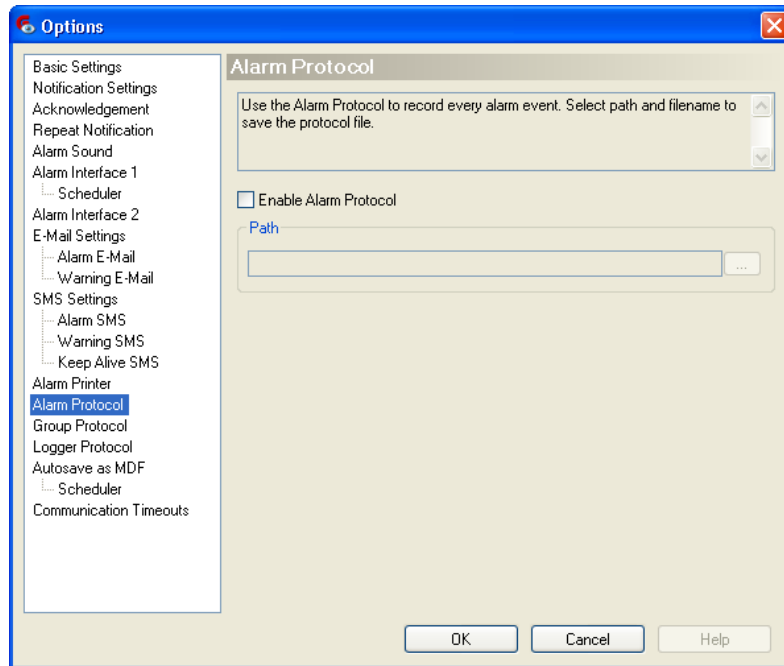
6. Alarm Text Editor



GDI Win Printer eg: Canon S520 does not work as an alarm printer!

5.9 Alarm Protocol

Not an alert option 



Path & File Name

Location where all the alarm protocols (csv-files; plain text) will be kept.

5.9.1 Alarm Protocol Structure

	Column	Title	Note
Alarm	1	PC time	Reason for alarm
	2	Logger time	
	3	Alarm Info	
	4	Logger group	
	5	Logger name	
	6	Logger id	
	7	Sensor no	This entry refers to the sensor number of the logger
	8	Sensor name	Name of the alarm releasing sensor

Sensor	9	S1-Name			
	10	S1-Value			
	11	S1-Unit			
	12	S1-Status	0	ok	
			1	Sensor deactivated (in elproLOG CONFIG)	
			2	Warning	
			3	Warning confirmed	
			4	Alarm	
			5	Alarm confirmed	
			6	u.f./o.f./n.c.	
			7	u.f./o.f./n.c. confirmed	
				u.f.	Value under stepping measurement range
		o.f.	Value over stepping measurement range		
	n.c.	Sensor not connected / wire brake			
13 - 40	Corresponds to the above information for sensor 2 - 8				

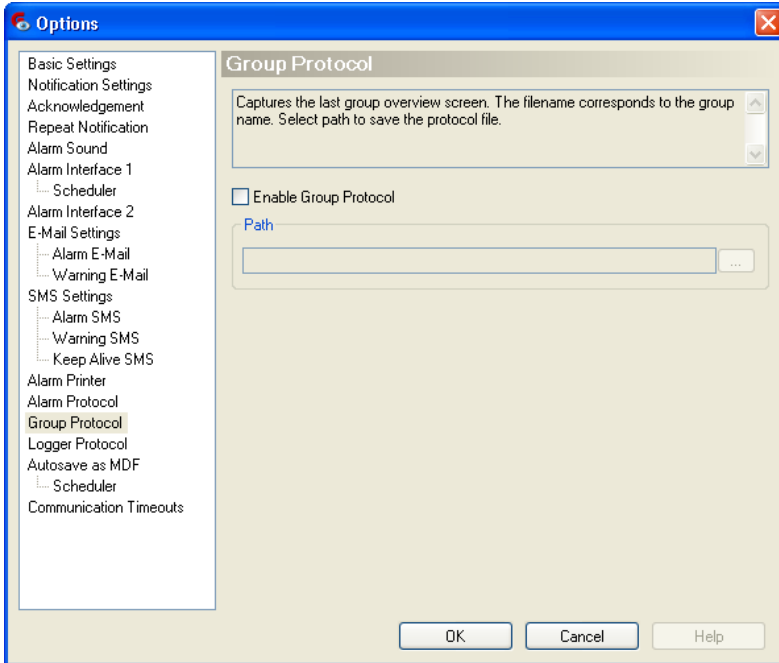


Digital input	41	D1-Name	Name of digital input 1	
	42	D1-Value	0 / 1	Current state of D1 (see alarm protocol for more details)
	43	D1-Text value		Describes the state of D1
	44	D1-Status	0	ok
			1	Digital input deactivated (in elproLOG CONFIG)
			2	---
			3	---
			4	Alarm
5			Alarm confirmed	
45 - 48	Corresponds to the above information for digital input D2			
Acknowledge Information	49	User name	For alarm confirmation	
	50	Host name		
	51	Comment title 1	For alarm confirmation	
	52	Comment text 1		
	53 - 56	Corresponds to the above information for digital input D2		

5.10 Group Protocol

A group protocol is a text file (csv-file; plain text) with the content of the last scan. All alarm monitor information is stored.

Not an alert option



Location where the group protocols will be kept.

Path & File Name

5.10.1 Group Protocol Structure

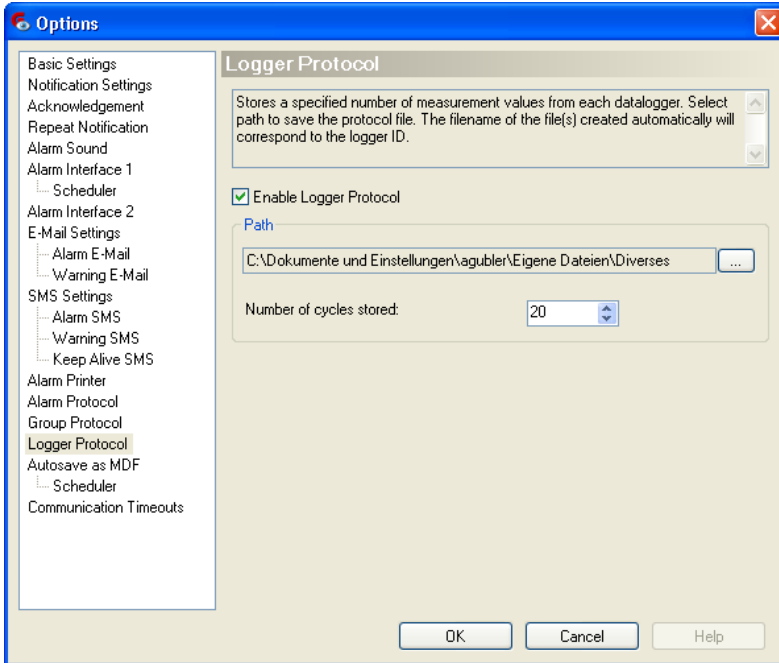
Column	Title	Note	
1	Logger id		
2	Logger name		
3	PC time		
4	Logger time		
5	Logger state	0	Communication ok
		1	Data logger deactivated (in elproLOG CONFIG)
		4	No connection
		5	No connection confirmed
6	S1-Name		

7	S1-Value			
8	S1-Unit			
9	S1-Status	0	ok	
		1	Sensor deactivated (in elproLOG CONFIG)	
		2	Warning	
		3	Warning confirmed	
		4	Alarm	
		5	Alarm confirmed	
		6	u.f./o.f./n.c.	
		7	u.f./o.f./n.c. confirmed	
			u.f.	Value under stepping measurement range
			o.f.	Value over stepping measurement range
	n.c.	Sensor not connected / wire brake		
10 - 37	Corresponds to the above information for sensor 2 - 8			
38	D1-Name		Name of digital input 1	
39	D1-Value	0 / 1	Current state of D1 (see alarm protocol for more details)	
40	D1-Text value		Describes the state of D1	
41	D1-Status	0	ok	
		1	Digital input deactivated (in elproLOG CONFIG)	
		2	---	
		3	---	
		4	Alarm	
		5	Alarm confirmed	
42 - 45	Corresponds to the above information for digital input D2			

5.11 Logger Protocol

A logger protocol is a text file (csv-file; plain text) with the content of the last scan. Each logger in the selected group gets its own logger protocol.

Not an alert option



This entry determines the number of measurement cycles kept in the logger protocol file.

Number of cycles stored

Location where the logger protocols will be kept.

Path & File Name

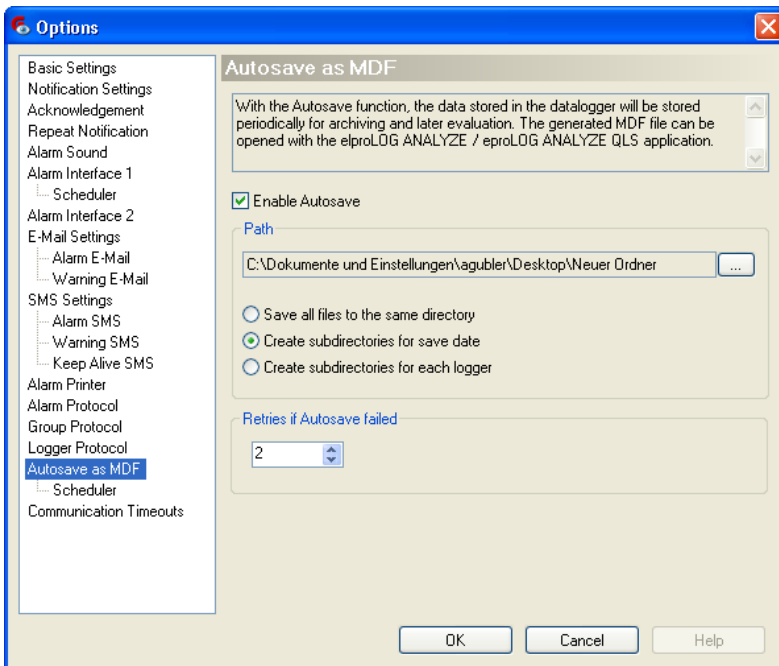
5.11.1 Logger Protocol Structure

Column	Title	Note
1	Logger id	
2	Logger name	
3	PC time	
4	Logger time	

5	Logger state	0	Communication ok		
		1	Data logger deactivated (in elproLOG CONFIG)		
		4	No connection		
		5	No connection confirmed		
6	S1-Name				
7	S1-Value				
8	S1-Unit				
9	S1-Status	0	ok		
		1	Sensor deactivated (in elproLOG CONFIG)		
		2	Warning		
		3	Warning confirmed		
		4	Alarm		
		5	Alarm confirmed		
		6	u.f./o.f./n.c.		
		7	u.f./o.f./n.c. confirmed		
			u.f.	Value under stepping measurement range	
			o.f.	Value over stepping measurement range	
	n.c.	Sensor not connected / wire brake			
10 - 37	Corresponds to the above information for sensor 2 - 8				
38	D1-Name		Name of digital input 1		
39	D1-Value	0 / 1	Current state of D1 (see alarm protocol for more details)		
40	D1-Text value		Describes the state of D1		

41	D1-Status	0	ok
		1	Digital input deactivated (in elproLOG CONFIG)
		2	---
		3	---
		4	Alarm
		5	Alarm confirmed
42 - 45	Corresponds to the above information for digital input D2		

5.12 Autosave as MDF



This check box activates the autosave function.

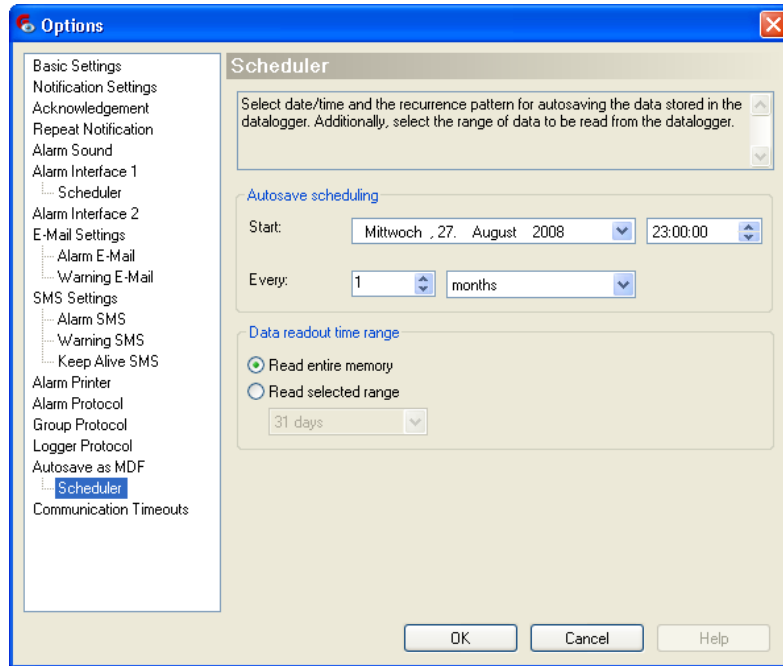
Enable Autosave

This is the place where the autosave files will be kept.

Path

⚠ THE ALARM RELEASED BY A FAILED AUTOSAVE, WILL BE REGISTERED IN THE ALARM PROTOCOL AND PRINTED OUT!

5.12.1 Autosave Scheduler



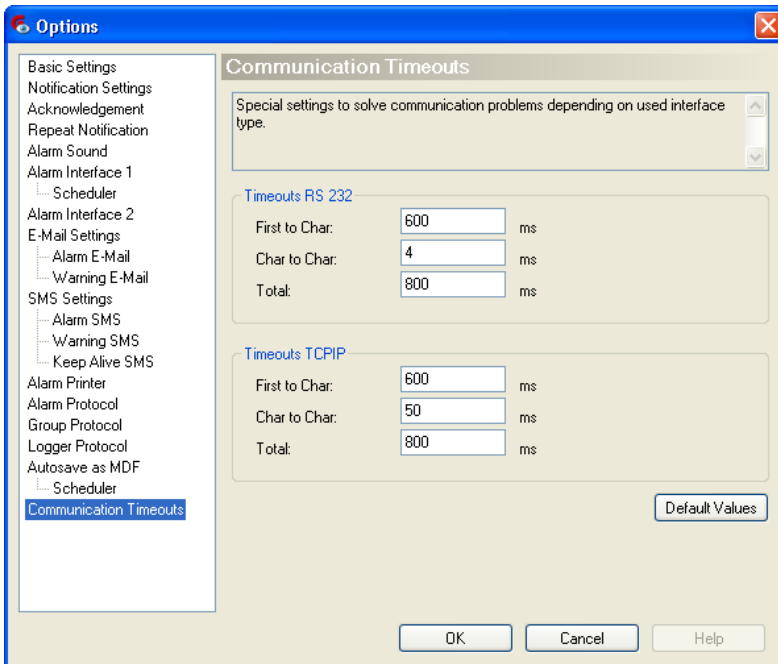
Autosave file name definition:

*ID-Number - Module
Tag - Date - Increasing
number*

The "Autosave" data will be read from the datalogger and stored at the next elproLOG MONITOR reading cycle.

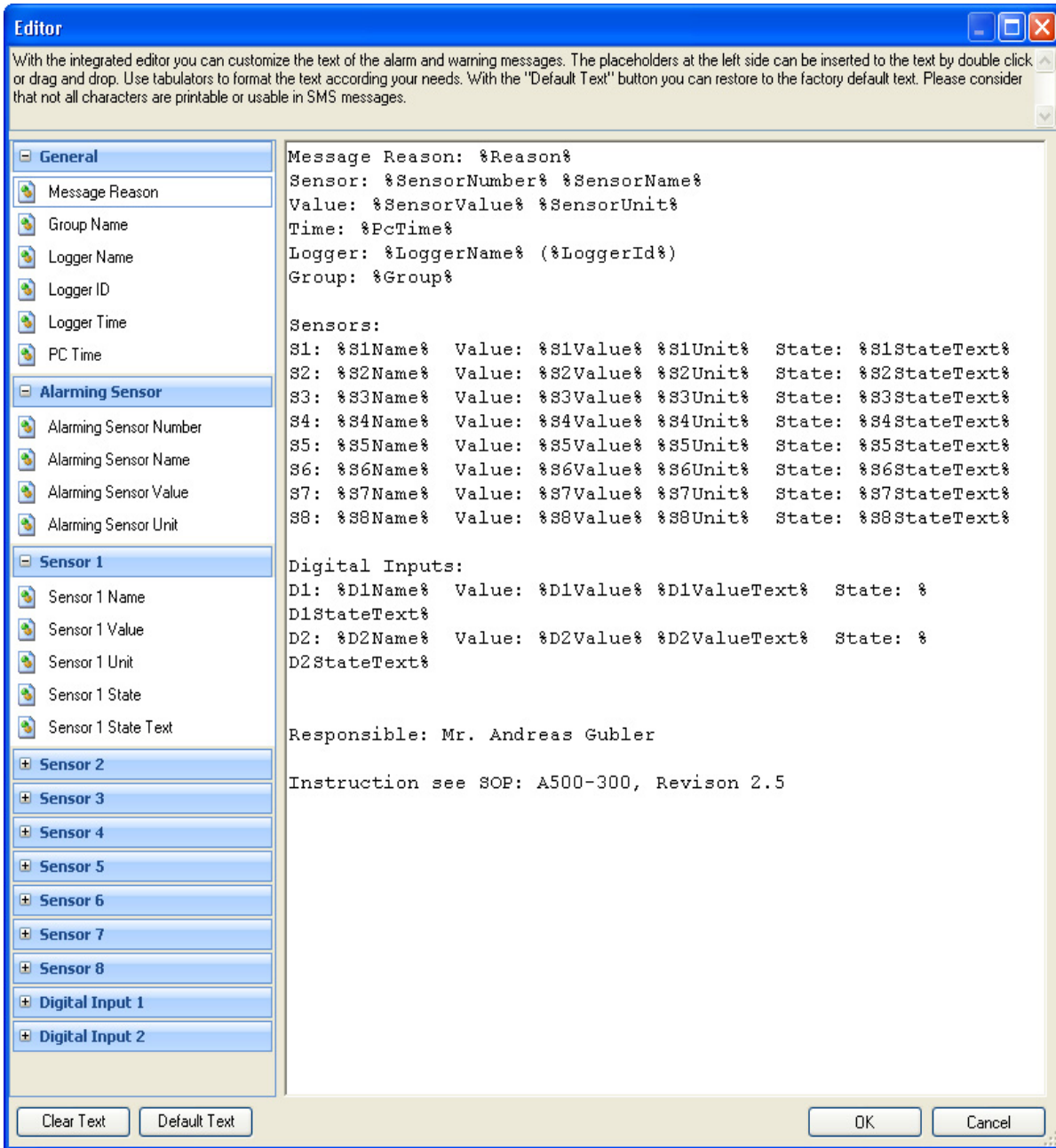
5.13 Communication Timeouts

- These settings are used to match your hardware infrastructure with the datalogger and software requirements.
- These values should not be changed under normal conditions.
- If one has got communication problems, change all timeout parameters by the same factor.



6. Alarm Text Editor

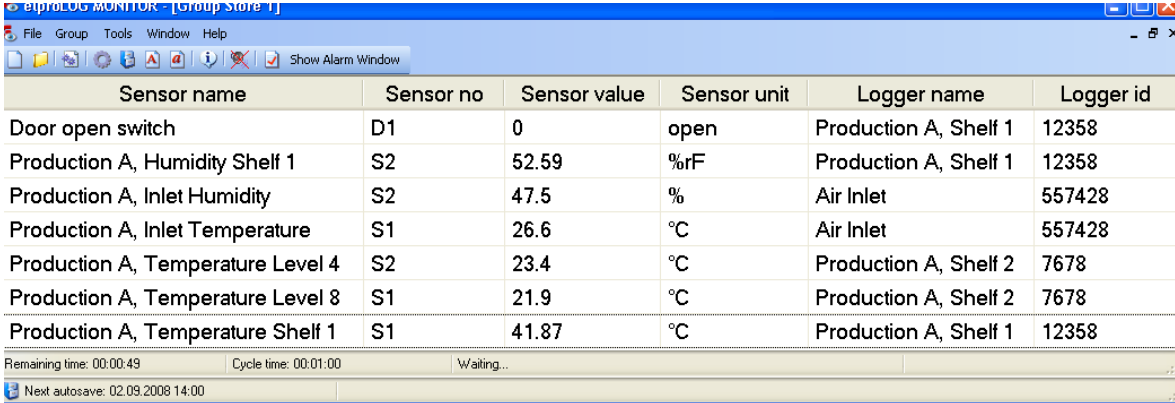
Allows you to setup the content of your text messages. For further details see the window related comment.



7. Data Representation

The following 2 data representation modes are possible on the elproLOG MONITOR main screen


Sensor based representation



Sensor name	Sensor no	Sensor value	Sensor unit	Logger name	Logger id
Door open switch	D1	0	open	Production A, Shelf 1	12358
Production A, Humidity Shelf 1	S2	52.59	%rF	Production A, Shelf 1	12358
Production A, Inlet Humidity	S2	47.5	%	Air Inlet	557428
Production A, Inlet Temperature	S1	26.6	°C	Air Inlet	557428
Production A, Temperature Level 4	S2	23.4	°C	Production A, Shelf 2	7678
Production A, Temperature Level 8	S1	21.9	°C	Production A, Shelf 2	7678
Production A, Temperature Shelf 1	S1	41.87	°C	Production A, Shelf 1	12358

Remaining time: 00:00:49 Cycle time: 00:01:00 Waiting...
Next autosave: 02.09.2008 14:00

Logger based representation



Logger	S1	S2	S3	S4	S5	S6	S7	S8	D1	D2
Air Inlet ID: 557428	Production A, I 26.8 °C	Production A, I 46.3 %								
Production A, Shelf 1 ID: 12358	Production A, 41.91 °C	Production A, 52.22 %rF							Door open switch 0 open	
Production A, Shelf 2 ID: 7678	Production A, 21.8 °C	Production A, T 23.4 °C								

Remaining time: 00:00:26 Cycle time: 00:01:00 Waiting...
Next autosave: 02.09.2008 14:00

- Cycle time** Time between two scans
- Remaining time** Time left till the next scan
- Next autosave** Date and time till the next autosave

8. Alarm / Warning

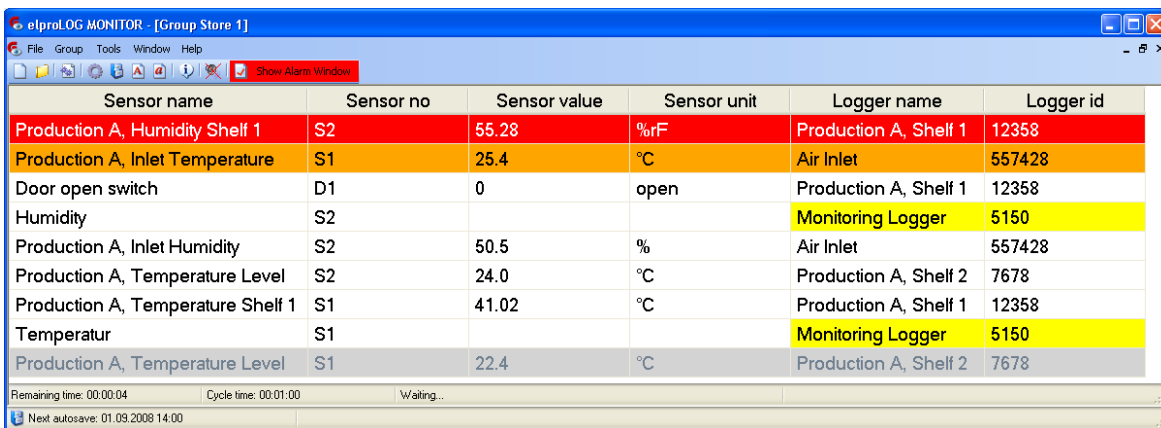
By the flashing icon:
 "Show Alarm Window",
 and the alarm window
 (pop-up) an alarm
 makes attentive.



The background color in the corresponding field / row is going to change:

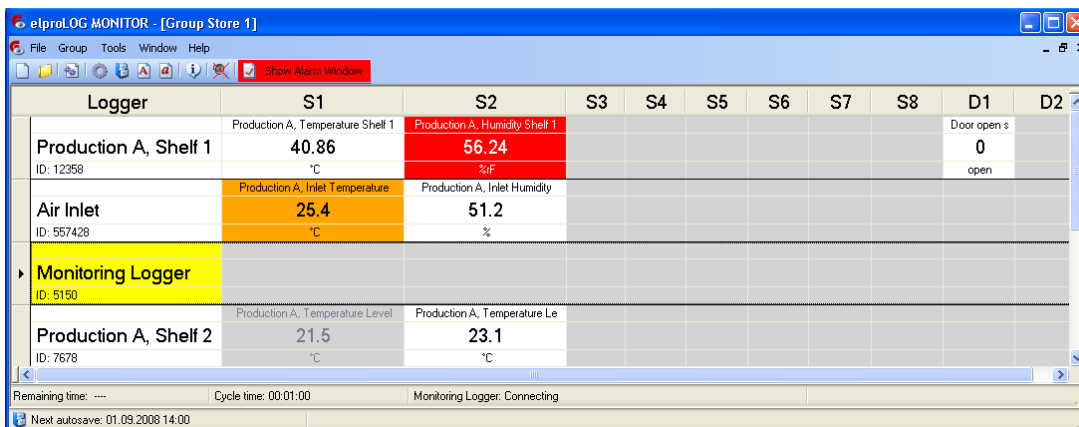
- If a limit value is violated
- The alarm state on one of the digital inputs (D1 / D2) is indicated
- A malfunction is detected

Sensor based representation



Sensor name	Sensor no	Sensor value	Sensor unit	Logger name	Logger id
Production A, Humidity Shelf 1	S2	55.28	%rF	Production A, Shelf 1	12358
Production A, Inlet Temperature	S1	25.4	°C	Air Inlet	557428
Door open switch	D1	0	open	Production A, Shelf 1	12358
Humidity	S2			Monitoring Logger	5150
Production A, Inlet Humidity	S2	50.5	%	Air Inlet	557428
Production A, Temperature Level	S2	24.0	°C	Production A, Shelf 2	7678
Production A, Temperature Shelf 1	S1	41.02	°C	Production A, Shelf 1	12358
Temperatur	S1			Monitoring Logger	5150
Production A, Temperature Level	S1	22.4	°C	Production A, Shelf 2	7678

Logger based representation




Logger	S1	S2	S3	S4	S5	S6	S7	S8	D1	D2
Production A, Shelf 1 ID: 12358	Production A, Temperature Shelf 1 40.86 °C	Production A, Humidity Shelf 1 56.24 %rF							Door open s 0 open	
Air Inlet ID: 557428	Production A, Inlet Temperature 25.4 °C	Production A, Inlet Humidity 51.2 %								
Monitoring Logger ID: 5150										
Production A, Shelf 2 ID: 7678	Production A, Temperature Level 21.5 °C	Production A, Temperature Le 23.1 °C								

Background Colors

white	normal
red	Alarm: value corresponds to the logger alarm parameters
orange	Warning: value corresponds to settings in elproLOG CONFIG

Background Colors

yellow	<ul style="list-style-type: none"> • Malfunction of a sensor • Communication Problem  9. <i>Error Messages</i>
gray	<ul style="list-style-type: none"> • with measurement values, sensor is disabled in elproLOG CONFIG • no measurement values, no valid data available

- Alarm
- Malfunction of a sensor
- Communication Problem

Acoustic Alarm

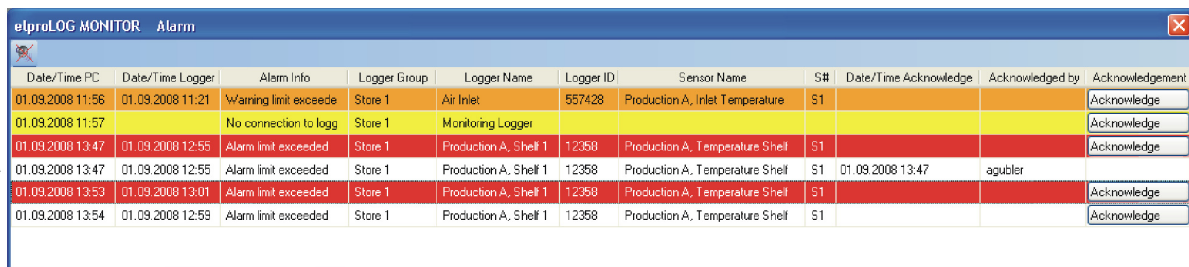
triggers an acoustic alarm until they are acknowledged

 5.4 *Alarm Sound.*

If the program is visible as symbol in the task border only, nevertheless the alarm window becomes visible on screen.


elproLOG MONITOR as symbol

8.1 Alarm Window



	Date/Time PC	Date/Time Logger	Alarm Info	Logger Group	Logger Name	Logger ID	Sensor Name	S#	Date/Time Acknowledge	Acknowledged by	Acknowledgement
1	01.09.2008 11:56	01.09.2008 11:21	Warning limit exceeded	Store 1	Air Inlet	557428	Production A, Inlet Temperature	S1			Acknowledge
2	01.09.2008 11:57		No connection to logg	Store 1	Monitoring Logger						Acknowledge
3	01.09.2008 13:47	01.09.2008 12:55	Alarm limit exceeded	Store 1	Production A, Shelf 1	12358	Production A, Temperature Shelf	S1			Acknowledge
4	01.09.2008 13:47	01.09.2008 12:55	Alarm limit exceeded	Store 1	Production A, Shelf 1	12358	Production A, Temperature Shelf	S1	01.09.2008 13:47	agubler	Acknowledge
5	01.09.2008 13:53	01.09.2008 13:01	Alarm limit exceeded	Store 1	Production A, Shelf 1	12358	Production A, Temperature Shelf	S1			Acknowledge
6	01.09.2008 13:54	01.09.2008 12:59	Alarm limit exceeded	Store 1	Production A, Shelf 1	12358	Production A, Temperature Shelf	S1			Acknowledge

1. Warning
2. e.g. communication error
3. Alarm
4. *Row-wise alarm acknowledge*
5. Alarm
6. *Alarm Value back to normal*

 8.1.1 *Notes About the Alarm Reason*

This line will be removed from the list, after the alarm has been acknowledged

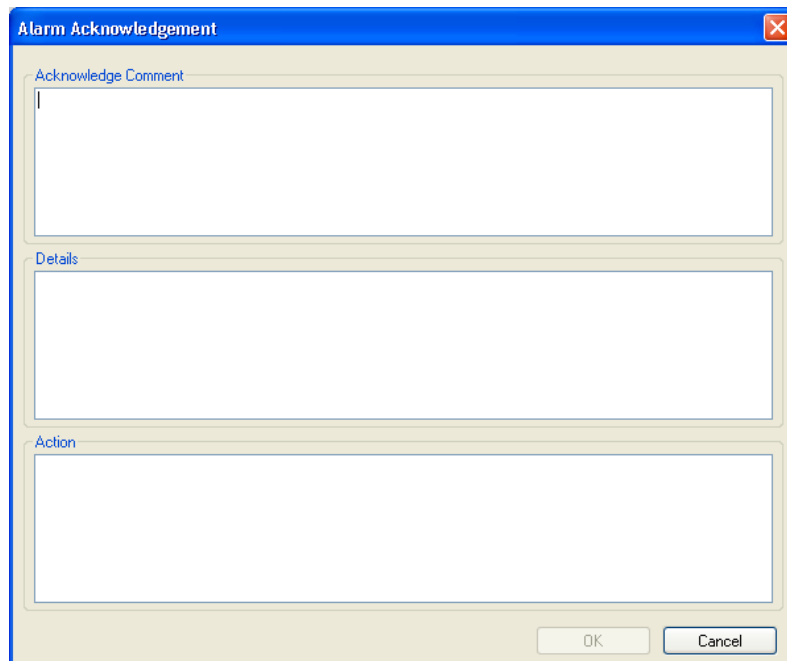


NOT ACTIVATED ALARM CONDITIONS IN ACCORDANCE WITH CHAPTER 5.1 NOTIFICATION SETTINGS, ARE NOT REPRESENTED IN THE "ALARM WINDOW", AND NO ALARM WILL BE RELEASED.

AFTER A RESTART OF ELPROLOG MONITOR, ALL ALARMS ARE ACTIVE AGAIN!

8.1.1 Notes About the Alarm Reason

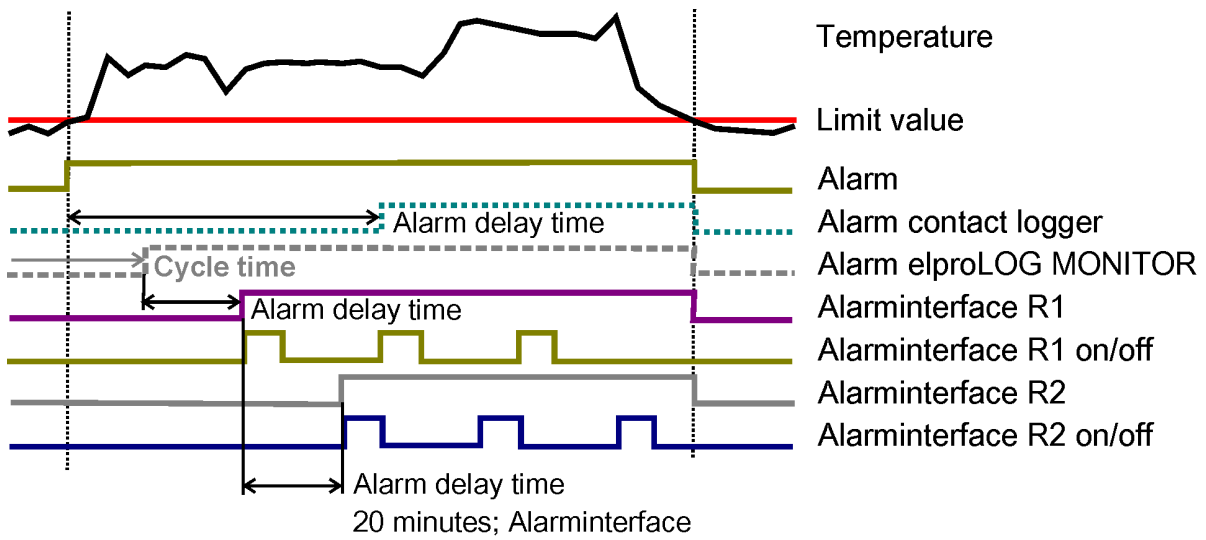
This window appears after an alarm has been confirmed, if it was activated in accordance with chapter 5.2 *Acknowledgement*.



After an acknowledgement "Date/Time Acknowledged" and "Acknowledged by" are registered in the alarm window and the alarm protocol.

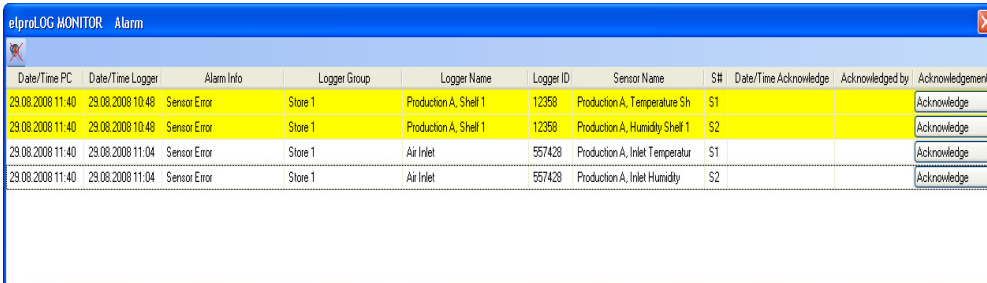
Acknowledged messages are represented in the alarm window (background color: white) till their conditions are set back to normal.

8.2 Time Responds - Alarm Sequence



9. Error Messages

9.1 Sensor Error



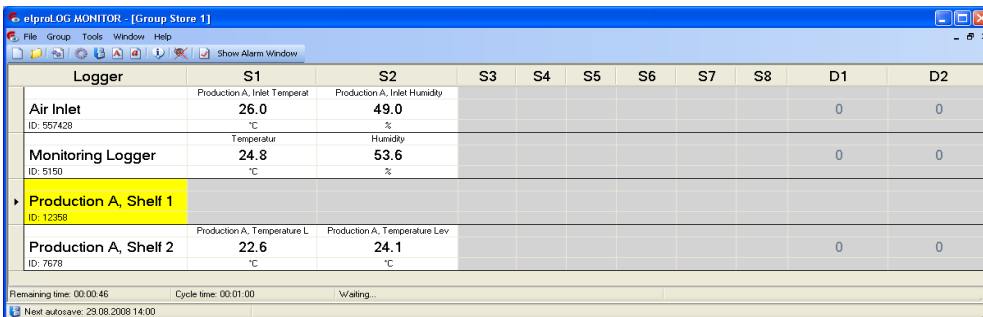
Date/Time PC	Date/Time Logger	Alarm Info	Logger Group	Logger Name	Logger ID	Sensor Name	S#	Date/Time Acknowledge	Acknowledged by	Acknowledgement
29.08.2008 11:40	29.08.2008 10:48	Sensor Error	Store 1	Production A, Shelf 1	12358	Production A, Temperature Sh	S1			Acknowledge
29.08.2008 11:40	29.08.2008 10:48	Sensor Error	Store 1	Production A, Shelf 1	12358	Production A, Humidity Shelf 1	S2			Acknowledge
29.08.2008 11:40	29.08.2008 11:04	Sensor Error	Store 1	Air Inlet	557428	Production A, Inlet Temperatur	S1			Acknowledge
29.08.2008 11:40	29.08.2008 11:04	Sensor Error	Store 1	Air Inlet	557428	Production A, Inlet Humidity	S2			Acknowledge

If a sensor is defective or not connected, the background color of the sensor gets yellow.



U.F	Value under stepping measurement range or sensor wire shorted
O.F.	Value over stepping measurement range / sensor cable break
n.def	Missing or wrong measurement data

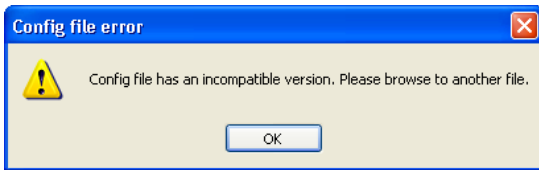
9.2 Communication Problem



Logger	S1	S2	S3	S4	S5	S6	S7	S8	D1	D2
Air Inlet ID: 557428	26.0 °C	49.0 %							0	0
Monitoring Logger ID: 5150	24.8 °C	53.6 %							0	0
Production A, Shelf 1 ID: 12358										
Production A, Shelf 2 ID: 7678	22.6 °C	24.1 °C							0	0

If a data logger is not connected to LAN or communication is disturbed, the background color of the logger name and id gets yellow and no measurement values are available

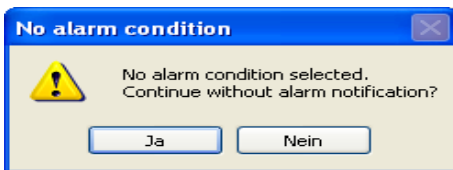
9.3 Configuration Messages




Config file error

A gcf-file of a former version of elproLOG CONFIG has been tried to open.

Open this gcf-file with the new version of elproLOG CONFIG and convert it into the new format.



No alert option

No alert options have been selected  5.1 *Notification Settings*.

The available protocols (Alarm, Group, Logger) are not recognized as alert options

9.4 Information for Customer Support

If you need assistance from the ELPRO - Customer support, supply us with the following information please:

- Release number of the used software.
(The software is delivered on a CD-ROM with the following designation: 3.x.y. The current version number of the software is shown by the ReadMe file.
- Used operating system.
- Designation of the used elproLOG ANALYZE software modules and / or datalogger with which problems arise.
- Do the same problems arise with other elproLOG application and / or datalogger?
- Which were the preceding actions, before problems arose? (accurate description of your datalogger application: time, temperature, shock).
- Exact definition of the error occurred

Select in menu "Help" the menu item "Info" for the required support details.



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Revision History

Author	Date	Version	Description
A. Gubler	30. 07.2008	--	1. 1st edition; replaces SM3001Ea; rework for release 3.60
A. Gubler	02.12. 2008	a	small changes (spelling)



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