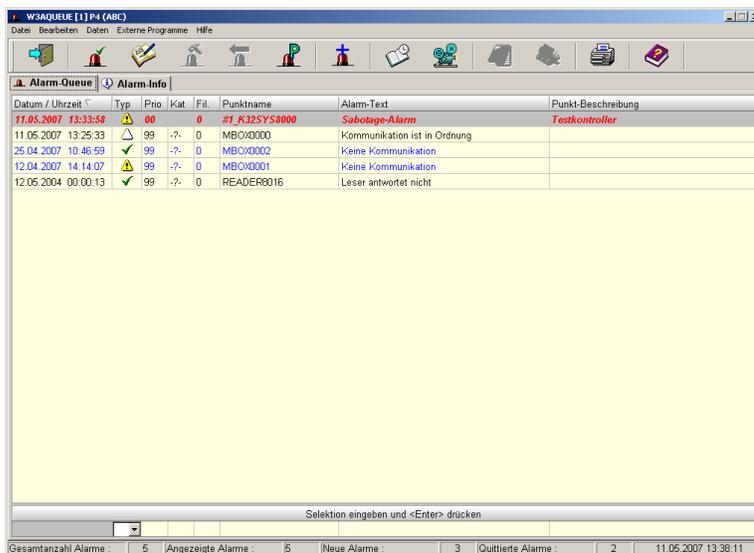


Babylon Software Alarm handling



The screenshot shows the 'W3AQUEUE [1] P4 (ABC)' window. It features a menu bar (Datei, Bearbeiten, Daten, Externe Programme, Hilfe) and a toolbar with various icons. The main area is titled 'Alarm-Queue' and contains a table with the following data:

Datum / Uhrzeit	Typ	Prio	Kat	Fil	Punktname	Alarm-Text	Punkt-Beschreibung
11.05.2007 13:33:58	⚠	00	-?	0	#1_K32SYS8000	Sabotage-Alarm	Testkontrolller
11.05.2007 13:25:33	⏏	99	-?	0	MBOX0000	Kommunikation ist in Ordnung	
25.04.2007 10:46:59	✓	99	-?	0	MBOX0002	Keine Kommunikation	
12.04.2007 14:14:07	⚠	99	-?	0	MBOX0001	Keine Kommunikation	
12.05.2004 00:00:13	✓	99	-?	0	READER8016	Leser antwortet nicht	

Below the table, there is a status bar with the text 'Gesamtanzahl Alar...' and a summary of alarm counts: 'Angezeigte Alar...' (5), 'Neue Alar...' (3), and 'Quitierte Alar...' (2). The current time is 11.05.2007 13:38:11.

Alarm handling

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1 General remarks

This documentation contains necessary information for working with the **BABYLON Alarm handling**. The documentation is addressed to skilled and qualified personnel who have the proficient knowledge for the installation and specification of control systems.

Besides a professional installation for the correct and proper operation of the devices as well as the safety-related aspects joined with it, the correct handling and maintenance of the software is presupposed.

The manual does not contain all details for the reason of clearness to all implementations and options of the described product. It cannot take into account every possible case of the arrangement, the operation or the maintenance either. If further information is required, please turn to the address mentioned on the title page of this document.

BABYLON is a very efficient and highly adjustable control system for integrated building management.

BABYLON consists of the following subsystems:

- **BABYLON-Vesta** access management;
- **BABYLON-Cronos** time management;
- **BABYLON-Uranus** building automation;
- **BABYLON-Saturn** security management;

For the simplification of the handling of the **BABYLON** system do exist specific documentations of the complete content for each subsystem and for every application.

The documentation at hand describes the handling and the attributes of the **BABYLON Alarm handling** from

„W3D“ Version 3.2 from 4.13.2007

„N3“ Version 6.0.081 from 4.3.2007

„N3RESID“ Version 6.0.267 from 4.5.2007

„N3IBO“ Version 6.0.050 from 4.3.2007

2 Program description

With the Alarm handling 'W3AqueueN' BABYLON provides a program for the clear management of new and finished alarms. By this program emerging alarms can be acknowledged, processed, put aside, parked and stopped (one or several alarms). In addition to these functions are provided defined notes, actions, images and video sequences.

The text settings can be customized in the **w3AqueueN.cfg** under **[AlarmColors]**.

The documentation at hand refers to the following program versions:

w3AqueueN.exe	Version: 1.0.5.0 (4.20.2007)
----------------------	------------------------------

3 Required databases

For the creation and activation of the required databases please use the `U3DBDEF.EXE` program. With this program can also be checked if the activated databases were defined in correct proportions to each other.

Attention:

Databases, which are not activated in the dongle, are not loaded at start of the system.

3.1 Program database

- Database 7 (`$$AQUEUE.386`) – alarm queue

Note:

The number of datasets (records) in this database defines the number of alarms. The maximum datasets (256 entries) should be created in the DBDEF.

4 Call the alarm handling



The alarm handling is called via the respective buttons on the task bar. Depending on the chosen button either all alarms or only alarms of a specific priority range (e.g. 00..09 or 40..49) are displayed. Alarm priorities are determined in the [Data point definition](#).

By calling the alarm handling the alarms are sorted by date and time.

Datum / Uhrzeit	Typ	Prio	Kat	Fil.	Punktname	Alarm-Text	Punkt-Beschreibung
11.05.2007 13:33:58	⚠	00	-?	0	#1_K32SYS8000	Sabotage-Alarm	Testkontrollier
11.05.2007 13:25:33	⚠	99	-?	0	MBOX0000	Kommunikation ist in Ordnung	
25.04.2007 10:46:59	✓	99	-?	0	MBOX0002	Keine Kommunikation	
12.04.2007 14:14:07	✓	99	-?	0	MBOX0001	Keine Kommunikation	
12.05.2004 00:00:13	✓	99	-?	0	READER8016	Leser antwortet nicht	

Selection eingeben und <Enter> drücken

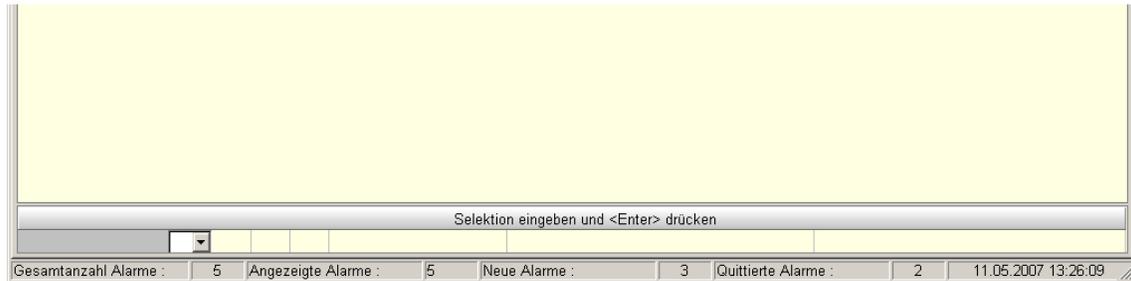
Gesamtanzahl Alarmer : 5 | Angezeigte Alarmer : 5 | Neue Alarmer : 3 | Quitierte Alarmer : 2 | 11.05.2007 13:38:11

The column 'Alarm-Text' is automatically fit in case of changing the window size!

Meaning of the data fields (alarm handling)

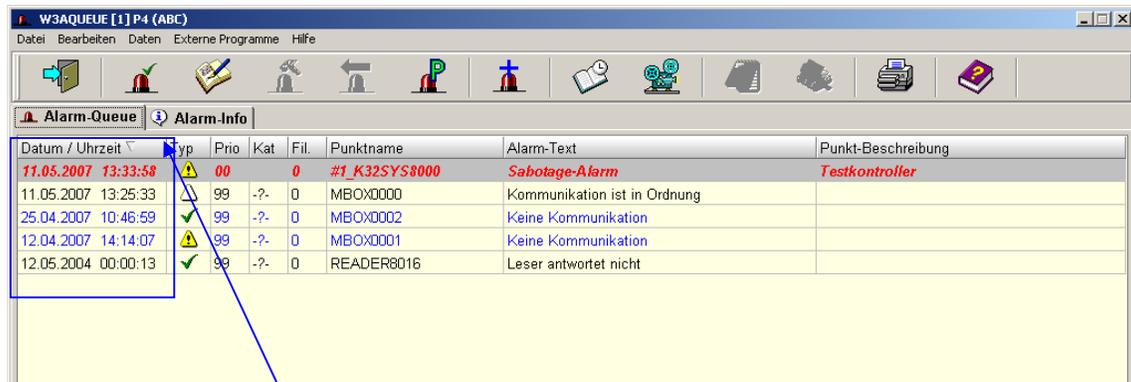
Date	Date of the alarm message.
Time	Time of the alarm message.
Type	<p>Gives the alarm state:</p> <ul style="list-style-type: none">  Pending alarm (default color: red)  Acknowledged alarm (default color: green)  Finished alarm (default color: black) <p>Attention: Please note that the default colors possibly differ by configuration; in case of activated alarm colors the states will not be differed by colors!</p>
Prio (priority)	The priority of the alarm message (defined in the Data point definition) is displayed here. The smaller the numeric values the higher the priority: The highest priority is 00. 00-99 are possible values.
Fil (branch)	Here the number of the branch is displayed from where the alarm message comes.
Cat (category)	In this column is displayed the category of the alarm message. This category is determined in the Data point definition . Possible are the letters from 'A-Z' or a question mark '?'.
Point name	Here the name of the data point (determined in the Data point definition) is displayed from which the alarm message comes from. This can be for example a sabotage alarm of an automation station or a user address of a temperature sensor.
Alarm text	Here the cause of the alarm message is described. For example: 'Reader does not answer', 'On/off control', 'Limit value exceeding', 'Maintenance message' or 'Burglary message' etc..
Point description	Description of the alarm message with the describing text of the data point. For example where and by what an alarm occurred – possibly 'Sign of life gateway' or 'Temperature cold room'.

In the lower part of the alarm handling window is displayed within an information bar how many alarms are totally pending, are displayed, new and already acknowledged. Also the existing alarm messages can be selectively displayed by selection criteria. In the following example only these pending messages are displayed which point name starts with 'S'. In this case this is a single sabotage alarm.



5 Sort order of the data fields

By clicking on the respective column head the alarm messages can be sorted alphanumeric ascending/descending depending on this column.



By another click the list will appear in reversed order.

6 Meaning of the symbols (alarm handling)



Exit program



Acknowledge alarm



Process alarm



Stop alarm



Put aside alarm



Park alarm



Stop several alarms



Alarm history



Play recorded video of the selected alarm



Editing comment



Extended measures



Print



Help file

Note:

These functions are also callable via the selection menus '*File*', '*Edit*', '*Data*', '*External programs*' and '*Help*'.

7 Process alarm

7.1 Acknowledge alarm

The respective button  is only active if the alarm is new (alarm message or normal message). With the acknowledgement the user marks the alarm noted. So an alarm is acknowledged automatically if it is taken directly into process or it is directly parked (see below).

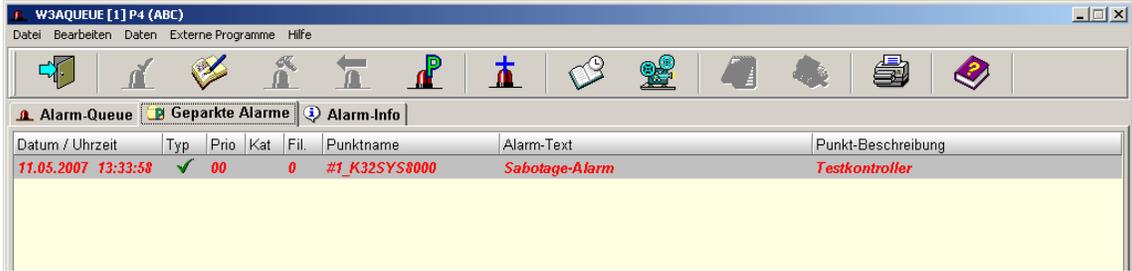
After acknowledgement the type icon changes over to a hook, depending on the configuration possibly also the color changes.



Datum / Uhrzeit	Typ	Prio	Kat	Fil.	Punktname	Alarm-Text	Punkt-Beschreibung
11.05.2007 13:40:16		00	0	0	#1_K32SYS8000	Sabotage-Alarm	Testkontrolller
11.05.2007 13:25:33		99	-?-	0	MBOX0000	Kommunikation ist in Ordnung	
25.04.2007 10:46:59		99	-?-	0	MBOX0002	Keine Kommunikation	
12.04.2007 14:14:07		99	-?-	0	MBOX0001	Keine Kommunikation	
12.05.2004 00:00:13		99	-?-	0	READER8016	Leser antwortet nicht	

7.2 Park alarm

With this button  an alarm can be parked. This function is useful for alarms which are present over a longer period and can not or should not be stopped but are no longer wanted to appear in the queue for the purposes of clarity.

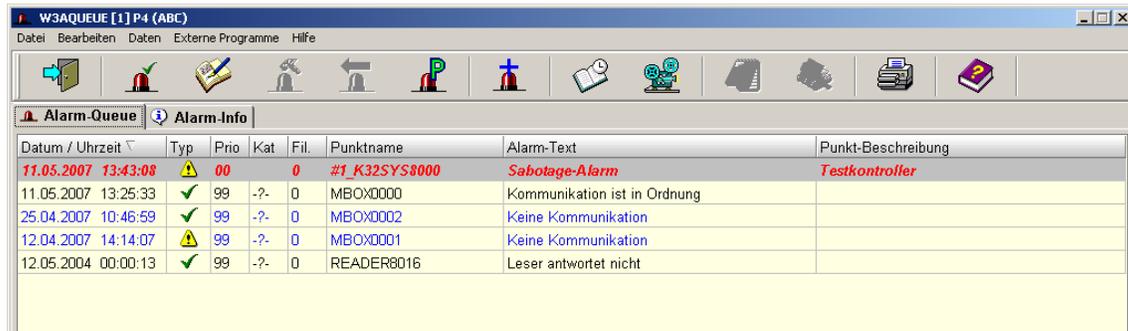


Datum / Uhrzeit	Typ	Prio	Kat	Fil.	Punktname	Alarm-Text	Punkt-Beschreibung
11.05.2007 13:33:58		00	0	0	#1_K32SYS8000	Sabotage-Alarm	Testkontrolller

Also parked alarms can be processed anytime.

7.3 Select alarm for processing

To process an alarm it has to be selected. The selection is made by clicking on the respective alarm message.



All existing alarm messages (e.g. burglary, fire, raid or technical) can be handled like the following example.

Example: A sabotage alarm is released by a XMP-K32.

The following alarm message appears:



By a double click on the alarm message the actions are displayed which are linked with this alarm – also for displaying a graphic which supports this actions if necessary (e.g. a plan which shows the location where the XMP-K32 is installed).

BABYLON Alarm handling

Datum / Uhrzeit	Typ	Prio	Kat	Fil.	Punktname	Alarm-Text	Punkt-Beschreibung
11.05.2007 13:51:15	✓	00		0	#1_K32SYS8000	Sabotage-Alarm	Testkontroller

Beendet als	Anzahl
Echt :	2
Falsch :	4
Abbruch :	0
Test :	2
Grund 5 :	0
Grund 6 :	0
Grund 7 :	1
Grund 8 :	0
Grund 9 :	0
Grund 10 :	0

The predefinition of the actions for the alarm handling can be made in the tabs *Measures* or *Extended data* of the [Data point definition](#).

For this see the documentation [EW3POIN_datapoint-definition](#).

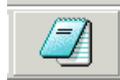
The actions for processing the alarm have to be confirmed separately. After finishing the action the user has to advise the system of this by a mouse click on the red OK

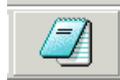
button. For confirming an action previously the button  (Process alarm) has to be pressed, so the color changes over to green.

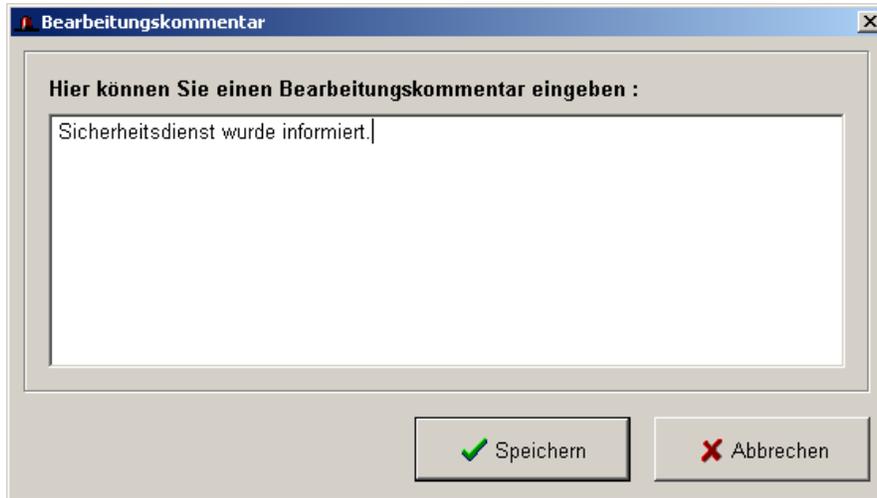
Datum / Uhrzeit	Typ	Prio	Kat	Fil.	Punktname	Alarm-Text
11.05.2007 13:51:15	✓	00		0	#1_K32SYS8000	Sabotage-Alarm

7.4 Insert comment

To the current alarm processing comments can be added by the person who



processes the alarm. For this the button  has to be pressed which is active during the alarm process.



By saving the comment an entry will be created in the **Alarm log** (see [EW3LOG_logs](#)). Every other actions of the user in connection with the alarm processing are also recorded in the alarm log. The alarm log with the entries for the

current data point can be called via the button *Alarm history* .

Filiale	Datum/ Uhrzeit	Prio	Kat	Punktname	Punkt-Beschreibung	Alarm-Text
0	11.05.2007 13:54:10	0		#1_K32SYS8000	Testkontroller	ABC ; Sicherheitsdienst wurde informiert.
0	11.05.2007 13:52:05	0		#1_K32SYS8000	Testkontroller	"ABC " Aktion 1 durchgeführt: Sicherheitsdie
0	11.05.2007 13:51:15	0		#1_K32SYS8000	Testkontroller	Sabotage-Alarm
0	11.05.2007 13:51:15	0		#1_K32SYS8000	Testkontroller	Ende Sabotage-Alarm
0	11.05.2007 13:47:04	0		#1_K32SYS8000	Testkontroller	"ABC " Aktion 1 durchgeführt: Sicherheitsdie
0	11.05.2007 13:43:08	0		#1_K32SYS8000	Testkontroller	Sabotage-Alarm
0	11.05.2007 13:43:08	0		#1_K32SYS8000	Testkontroller	Ende Sabotage-Alarm
0	11.05.2007 13:40:16	0		#1_K32SYS8000	Testkontroller	Sabotage-Alarm
0	11.05.2007 13:40:16	0		#1_K32SYS8000	Testkontroller	Ende Sabotage-Alarm
0	11.05.2007 13:33:58	0		#1_K32SYS8000	Testkontroller	Sabotage-Alarm
0	11.05.2007 13:33:57	0		#1_K32SYS8000	Testkontroller	Ende Sabotage-Alarm
0	11.05.2007 13:25:33	99	?	MBOX0000		Kommunikation ist in Ordnung
0	11.05.2007 10:51:51	99	?	MBOX0000		Keine Kommunikation
0	11.05.2007 10:29:26	0		#1_K32SYS8000	Testkontroller	Sabotage-Alarm
0	11.05.2007 10:29:25	0		#1_K32SYS8000	Testkontroller	Ende Sabotage-Alarm
0	01.01.2005 00:00:20	0		#1_K32SYS8000	Testkontroller	Sabotage-Alarm
0	10.05.2007 17:05:13	99	?	MBOX0000		Keine Kommunikation
0	10.05.2007 16:21:26	0		#1_K32SYS8000	Testkontroller	Sabotage-Alarm

7.5 Extended data

In the extended data additional information for the currently processed alarm can be filed. These can be text information or graphics and maintenance information according to the entries in the data point definition. The extended data can be called via the button *Extended data* in the *Data point definition*.

Info		Statistik	
1.	Bei Akku-Fehler die Fa. XYZ anrufen	Beendet als	Anzahl
2.	Notfall	Echt :	2
		Falsch :	4
		Abbruch :	0
		Test :	2
		Grund 5 :	0
		Grund 6 :	0
		Grund 7 :	1
		Grund 8 :	0
		Grund 9 :	0
		Grund 10 :	0
Info 1. Bei Akku-Fehler die Fa. XYZ anrufen 2. Notfall		Statistik Beendet als Anzahl Echt : 2 Falsch : 4 Abbruch : 0 Test : 2 Grund 5 : 0 Grund 6 : 0 Grund 7 : 1 Grund 8 : 0 Grund 9 : 0 Grund 10 : 0	
Wartung Wartung 1 : Wartung 2 : Wartung 3 : Kontaktschalter			
Gesamtanzahl Alarme : 5 Angezeigte Alarme : 5 Neue Alarme : 1 Quitierte Alarme : 4 11.05.2007 13:56:04			

The blue info texts can be edited directly in the input fields if necessary. The graphics are callable by clicking on the respective name.

The statistic field on the right side of the window gives information about which alarms coming from this data point have been ended as 'True', 'False', 'Abort', 'Test' or others.

7.6 Extended measures

By clicking on the button '*Extended measures*' an additional program opens (if existing) which is used for user support and goes into detail about pending actions. This program has to be entered in the configuration file of the alarm handling W3AqueueN.cfg under 'ExtendedActions'.

7.7 Put aside alarm

To stop an alarm processing or to put aside an alarm depending on the priority (because possibly processing another alarm has a higher priority) the alarm can be

put aside. This can be done by clicking on *Put aside alarm*



Datum / Uhrzeit	Typ	Prio	Kat	Fil.	Punktname	Alarm-Text	Punkt-Beschreibung
11.05.2007 13:51:15	✓	00	0	#1_K32SYS8000	Sabotage-Alarm	Testkontrollier	
11.05.2007 13:25:33	✓	99	-?	0	MBOX0000	Kommunikation ist in Ordnung	
25.04.2007 10:46:59	✓	99	-?	0	MBOX0002	Keine Kommunikation	
12.04.2007 14:14:07	⚠	99	-?	0	MBOX0001	Keine Kommunikation	
12.05.2004 00:00:13	✓	99	-?	0	READER6016	Leser antwortet nicht	

7.8 Stop alarm

When all necessary actions and measures have been made the alarm handling is ended via the button *Stop alarm* . The input window 'Stop alarm' appears'.

Alarm beenden

Alarm-Ursache / Kommentar eingeben :

Sabotagealarm wurde unbeabsichtigt herbeigeführt|

Alarm-Grund auswählen :

1. Echt	2. Falsch	3. Abbruch	4. Test	5. Grund 5
6. Grund 6	7. Grund 7	8. Grund 8	9. Grund 9	10. Grund 10

Abbrechen

After entering a comment (a cause) about the handled alarm the alarm is stopped by clicking on the detected cause ('True', 'False', 'Abort', 'Test' or another cause) and the alarm entry is removed from the alarm handling. Stopping the alarm with the respective alarm cause is recorded in the alarm log and the used button is held via the statistics in the data point.

7.9 Stop several alarms

By pressing the button  the following window opens:

Mehrfach beenden							
Zurück		Beenden		Multiselektionsmodus aktiv !			
Datum / Uhrzeit	Typ	Prio	Kat	Fil.	Punktname	Alarm-Text	Punkt-Beschreibung
11.05.2007 13:59:22		00	?	0	#1_K32SYS8000	Sabotage-Alarm	Testkontroller
11.05.2007 13:25:33		99	?	0	MBOX0000	Kommunikation ist in Ordnung	
25.04.2007 10:46:59		99	?	0	MBOX0002	Keine Kommunikation	
12.04.2007 14:14:07		99	?	0	MBOX0001	Keine Kommunikation	
12.05.2004 00:00:13		99	?	0	READER8016	Leser antwortet nicht	

Here several alarms can be selected and ended by the button 'Stop'. A mask opens for entering a comment:

Alarm beenden					
Alarm-Ursache / Kommentar eingeben :					
Sabotagealarm wurde unbeabsichtigt ausgelöst					
Alarm-Grund auswählen :					
1. Echt	2. Falsch	3. Abbruch	4. Test	5. Grund 5	
6. Grund 6	7. Grund 7	8. Grund 8	9. Grund 9	10. Grund 10	
					X Abbrechen

and there has to be selected a cause for the alarm. Afterwards another confirmation is required.

Sind Sie sicher, daß Sie 1 Alarme als 'Falsch' beenden möchten ?	
Ja	Nein

Then the stopped alarm is taken out of the list.

Datum / Uhrzeit	Typ	Prio	Kat	Fil.	Punktname	Alarm-Text	Punkt-Beschreibung
11.05.2007 13:25:33	✓	99	-?	0	MBOX000	Kommunikation ist in Ordnung	
25.04.2007 10:46:59	✓	99	-?	0	MBOX002	Keine Kommunikation	
12.04.2007 14:14:07	⚠	99	-?	0	MBOX001	Keine Kommunikation	
12.05.2004 00:00:13	✓	99	-?	0	READER8016	Leser antwortet nicht	

7.10 Play recorded video of the selected alarm

If the data point which releases an alarm is connected with a camera by a video

recording system (e.g. Nice or Geutebrück), via the button  a video sequence (e.g. recorded via video motion detection) can be played which length is adjustable. Another example is the activation of a K32 sabotage contact which is video controlled. In the [Data point definition](#) for the data point has to be given the technical address of the respective recording system.

Video-Logger Zuordnungen :

	Port	USt.	Kanal	Reserve
1.	80	1	1	0
2.				
3.				
4.				

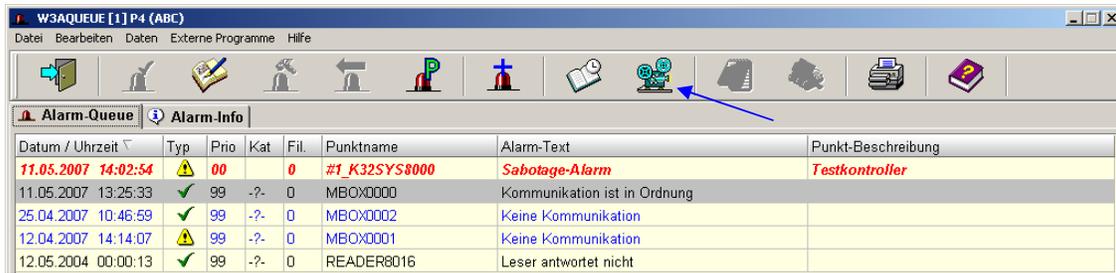
Additionally in the configuration file of the alarm queue (**W3AqueueN.cfg**) under **[General]** the used video player for playing the video sequences has to be given that is compatible with the used video recording system..

```

; version 1.0.0.1 - 12.02.2005 - W3AQUEUEUEN.
;
;-----
[General]
;HelpFile=def~.txt
;HelpDescription=Standard
;HelpFile1=defmesseE.txt
Multiselect=1
ResetAK=1
HelpFile=help\~w3AQUEUEE.pdf
videoviewer=w3liveqb
;-----
[Alarm]
Color=0x000000FF
    
```

In case of recording a surveillance video when a sabotage alarm has been triggered this video can be played and analyzed when processing this alarm.

BABYLON Alarm handling



The screenshot shows the 'Alarm-Queue' window with a table of alarm events. The table has columns for 'Datum / Uhrzeit', 'Typ', 'Prio', 'Kat', 'Fil.', 'Punktname', 'Alarm-Text', and 'Punkt-Beschreibung'. The first row is highlighted in red and indicates a 'Sabotage-Alarm' at 14:02:54 on 11.05.2007.

Datum / Uhrzeit	Typ	Prio	Kat	Fil.	Punktname	Alarm-Text	Punkt-Beschreibung
11.05.2007 14:02:54	⚠	00	0	0	#1_K32SYS8000	Sabotage-Alarm	Testkontroller
11.05.2007 13:25:33	✓	99	-?	0	MBOX0000	Kommunikation ist in Ordnung	
25.04.2007 10:46:59	✓	99	-?	0	MBOX0002	Keine Kommunikation	
12.04.2007 14:14:07	⚠	99	-?	0	MBOX0001	Keine Kommunikation	
12.05.2004 00:00:13	✓	99	-?	0	READER8016	Leser antwortet nicht	

Example of a video sequence:



7.11 Print

By pressing the button  the print menu opens.



The alarm list can be printed as well as exported as HTML file.

7.12 Help file

By the button  the assigned help file in the directory **EXOS386D\HELP** can be opened. The path of the respective file is entered in the configuration file **W3AqueueN.cfg** under **[General]**.

8 Entries in the CFG file

W3AQUEUE.CFG

[General]	
MultiSelect=	1=Several alarms can be finished simultaneously. This functions can be used in connection with user flag 3 of the alarm handling in w3Udef .
ResetAK=	1=If a Bi or AI data point has activated option 6, the attribute AK is set to 0 upon finishing the alarm.
HelpFile=	The path to the help files is read out of the entry 'HELPPATH=' in the file w3.INI (e.g. 'HelpPath=\$(BABYLOND)\HELP\'). The sign '~' at the beginning of the name is substituted by the letter for the language with which the work station has been started (e.g. E for English, G for German).
VideoViewer=	W3LiveGB > (Geutebrück), W3LiveN > (NiceVision), W3LiveDA > (Dallmeier), W3LiveK32 > (IP-Kamera an K32/K32Lite), W3LiveGsc > (GeViScope / Geutebrück), W3LiveHt > (Heitel), W3LiveSi > (SiStore)
AutoLifeView=	0=no automatic view of a live picture. 1=Beim der ersten Alarmmeldung in der Queue mit einem Wert im CCTV gleich 1 oder 2 (Feld in Datenpunktdefinition) wird das konfigurierte Lifebild aufgeschaltet! Außerdem, wenn der Alarm bearbeitet wird. 2=Similar to 1 without automatic popup of a live picture (during alarm handling).
[Alarm]	
Color=	Font color for coming alarms e.g.: 0x000000FF=(red)
Bold=	0=Normal font, 1=Bold font
[Normal]	
Color=	Font color for going alarms e.g.: 0x00000000=(black)
Bold=	0=Normal font, 1=Bold font
[Processing]	
Color=	Font color for handled alarms e.g.: 0x0000AA00=(green)
Bold=	0=Normal font, 1=Bold font
[ExtendedActions]	
Existing	0 = No extended actions; 1 = HTML actions with HTMLView; 2=HTML actions for IE und IIS (see below)
Program	Path and name of display programfad. (see below)
Field	Filed for (graphics or maintainance) with action file Allowed: 1 to 7

BABYLON Alarm handling

[Graphics]	
Default	Default graphics W3Aqueue Example: „DEFAULT“
[CCTV]	
Active	1 = With CCTV control; 0 = Without
MBOXID	Connection of CCTV-driver Example: For MBOX „8004“, for VCI-card „04“
[Priority]	
Number	Number of following entries (environment variables for BABYLON must be set!)
PrioMin1	First minimal priority
PrioMax1	First maximal priority
Text1	Display text in selection field
...	
[ExternalPrograms]	
NumberOf Programs	Number of following entries
Prog1	Path and name of first program
Prog1Type	Type definition of programs: 1 = Babylon program, 2 = IBO-program, 3 = Other EXE program, 4 = Document
Prog1Parameter	0=No parameter; 1=Data point as parameter
Prog1ParameterEx	„-W3AQUEUE „%s“ „%s“ „%s“ „%s““ If this value is given, the predefined parameters are send to the program. All%s are substituted by the values of the selected alarm: <ol style="list-style-type: none"> 1. %s: Date / time 2. %s: Data point name 3. %s: Alarmtext 4. %s: Data point description Because of possible spaces in text all %s must be given with "".
Prog1Description	Menu text in W3Aqueue
[Sorting]	
This values should not be changed manually	
[XMP-Calls]	
AlarmAck	This program is executes with parameter 'data point name', if an alarm is acknowleged. (Replaces ResetAK)
AlarmBack	This program is executes with parameter 'data point name', if an alarm is put back to the queue. (Replaces ResetAK)
AlarmFinish	This program is executes with parameter 'data point name', if an alarm is finished. (Replaces ResetAK)
[AlarmColors]	
Enabled=1	Enables the definition of colors for alarm textes here Attention: The color setting via the alarm status is disabled!
Default	Defines the color of all other alarms not explicitly define here. 0 = normal font, black color

Background	Define the background color. 0x80000018 = light yellow
SelectBar=0x00C0 C0C0	Defines the color of the selection bar. 0x00C0C0C0 light grey
### = 289=0x000000FF; BI 266=0x00FFFFFF; BU 265=0;U	Defines color of alarm text with no. ###. Each color is defined by a value and up to three options (B=Bold , I=Italic and U=Underline) = „Tamper alarm“ in red, bold and italic = „Status change (Normal)“ in white, bold and underlined = „Status change (Alarm)“ in black and underlined

Note: The colors are always determined by an alarm text number regardless of by which entry in the **\$\$AMDEF** this text has been overwritten!

Extended measures: Actually only two ways of configuration are reasonable here. For the previous functionality the configuration has to be made in the following way:

```
Existing=1
Program=$(BABYLONP)\HTML\HTMLView.exe
```

Alternatively HTML pages can be displayed provided that an IIS is installed and the 'SIPORTHTMLCGI' procedure has been configurated. For this the configuration has to be as follows:

```
Existing=2
Program=http://Server/scripts/SIPORTHTMLCGI.exe
```

9 Document history

Version	Date	Occasion
V1.0	4.12.2006	First issue of this document
V1.1	5.10.2006	Minor conformations
V1.2	3.23.2007	CFG entries added, Data point definition removed and linked to the respective file
V1.3	5.11.2007	Now colors of the alarm queue including the alarm texts can also be defined by the program and the appropriate W3AqueueN.CFG
V1.4	5.15.2007	Minor corrections
V1.5	8.23.2009	CFG entries revised

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