Janitza E-Learning Portal

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Manual Creating an alarm plan



Janitza®

Table of Contents

1		2
2	OPEN THE ALARM CONFIGURATION	3
3	CREATE A NEW ALARM PLAN	4
4	ADD A NEW ESCALATION REASON	6
5	ADD A NEW ACTION	9
6	SUMMARY	14



These instructions will teach you how to create an alarm plan for your project in GridVis Desktop. Alarm plans are a requirement for using the GridVis alarm system.

Content

- Opening alarm management
- Creating a new alarm plan
- Adding actions for an alarm plan
- Adding escalation levels to an alarm plan



1 Introduction

The GridVis software has a powerful alarm management feature starting with the **"Service"** edition and higher. This alarm management allows you to monitor parameters, such as online values, availability, events of all UMG measurement devices. All triggered alarms are listed in the alarm list and must be acknowledged by a responsible user.

The alarm management includes escalation levels that an alarm can reach. Certain conditions are defined. Once they are met, the alarm reaches a higher escalation level.

In addition to recording the alarms that have occurred in the alarm list, automatic actions can be defined that are executed in case of an alarm.

The alarm management consists of alarm plans that define the procedure in case of an alarm and alarm sources that describe what triggers an alarm.

These instructions will teach you how to create an alarm plan.

- **i** To use the alarm system, the GridVis service must be installed.
- i Alarm plans and alarm sources can only be managed in the GridVis Desktop.
- **i** Starting with GridVis 7.3, the alarm list can be called up in both GridVis Desktop and GridVis Energy.



2 Open the alarm configuration

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Double-click the **Alarm Management** list item.

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Click the Show Alarm Config button.



3 Create a new alarm plan

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Click the Create new Alarm plan button.

i To use the alarm management, you need at least one alarm plan.

🔜 Add a new alarm plan config		×
Steps	Alarm plan configuration	
Alarm plan configuration Title and Description	New escalation level Nc escalation has been configured	
PN8888888010	a new alarm is raised. an alarm has new details. an alarm is acknowledged by a user. an alarm was set back to normal by its source.	
VIII NII NII NII NII NII NII NII NII NII	When is it triggered?	
	a new alarm is raised.	
1000		
ALLOW		
10000		
22001		
	Actions to execute:	
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To add a new escalation level to the alarm plan, click the **New escalation level**.

page 4 of 14

- You can integrate several escalation levels into an alarm plan. An escalation level means that the alarm is raised to a higher level after a defined time if it has not yet been acknowledged at this time.
- **i** Regardless of an entry in the GridVis alarm list, actions can be executed in case of an alarm.
- i
- **i** These actions can be triggered if:
- A new alarm has been reported.
- An alarm has new details.
- An alarm has been acknowledged by a user.
- An alarm is no longer current (the alarm requirement is no longer met).



4 Add a new escalation reason

🧱 New escalation		×
Steps	Select an escalation reason	
1. Select an escalation reason		Э
2001		
	< Back Next > Finish Cancel He	lp

Click the dropdown button.

Lev escalation		×
Steps 1. Select an escalation reason	Select an escalation reason Relative time escalator	0
	< Back Next > Finish Cancel H	Help

Click the **Relative time escalator** list item.



Level and the second se		×
Steps	Select an escalation reason	
 Select an escalation reason Minutes to wait Title and Description 	Relative time escalator Escalates the alarm after a configurable amount of time.	
	1 < Back Next > Finish Cancel	Help

Click the **Next** button.

🧱 New escalation				
Steps	Minutes to wait			
 Select an escalation reason Minutes to wait Title and Description 	Minutes to wait after last escalation	10	m	
	1 < Back Next > Finish C	ancel	Help	

Here, you enter the desired time period in the input field.

Click the **Next** button to access the next step.



🌆 New escalation		\times
Steps 1. Select an escalation reason 2. Minutes to wait 3. Title and Description	Title and Description Title First escalation Description appears after 10 minutes	
	< Back 1 lext > Firish Cancel H	elp

Here, you enter a title and a description for your escalation.

Click the **Finish** button to access the next step.



5 Add a new action

🌆 Add a new alarm plan config	;	×
Steps	Alarm plan configuration	
Alarm plan configuration Title and Description	New escalation level An escalation has been added a new alarm is raised. an alarm has new details. an alarm escalates to step 1 an alarm is admowledged by a user. an alarm was set back to normal b(When is it triggered? an alarm escalates to step 1 Image: Color of the state of t	
		_
	< Back Next > Finish Cancel Help	

Click the **Add action**.

2 Click .

🌆 New action		×
Steps	Select an action	
1. Select an action		
		~
UTA		
	< Back Next > Finish Cancel	Help

Click the dropdown button.

🌆 New action	×	
Steps 1. Select an action	Select an action	
	Program execution action Send an email	
	< Back Next > Finish Cancel Help	

Click the Send an email list item.

- **i Before** you use the "Send an email" option for an alarm event, configure your settings for the "E-mail server" in "Service" of your "Service" or "Ultimate GridVis edition".
- i
- i You can access the "E-mail server" window in your "Service" or "Ultimate" GridVis edition under "Navigation menu" --> "Settings" --> "E-mail" ("E-mail server" tab).
- i
- i If necessary, ask your network administrator for the access data of the "e-mail server".



🌆 New action		×
Steps	Select an action	
 Select an action E-Mail Configuration Title and Description 	Send an email An email with detailed information will be sent.	
	1 < Back Next > Finish Cancel	Help

Click the **Next** button.

🌆 New action		×
Select an action F-Mail Configuration Title and Description	E-Mail Configuration Recipients max.mustermann@janitza.de You can enter more than one recipient by using a semicolon(;) to seperate them.] •
	< Back Next > Finish Cancel	Help

Here, you enter recipients.

Click the **Next** button to access the next step.



🌆 New action		×
Steps 1. Select an action 2. E-Mail Configuration 3. Title and Description	Title and Description Title First escalation Description The alarm was activ for 10 minutes wothout beeing acknowledged	•
	< Back Next > Finish Cancel Hi	elp

Here, you enter the title and description for the action in the corresponding text fields. Click the **Finish** button to access the next step.

🧱 Bestehende Alarmplankonfigurati	ion editieren X
Schritte	Alarmplankonfiguration
Alarmpiankonfiguration Titel und Beschreibung	Neuer Eskalationsgrund Eine Eskalation wurde hinzugefügt Ein neuer Alarm wurde gemeldet. Ein Alarm hat neue Details. Ein Alarm eskaliert auf Stufe 1 Ein Alarm wird vom Benutzer quittiert. Ein Alarm wurde Wann wird es ausgelöst? Ein neuer Alarm wurde gemeldet.
	Auszuführende Aktionen:
	Ausführen eines Programmes Editieren Kopieren Löschen
	E-Mail an Max Mustermann Editieren Kopieren Löschen
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Click the **Next** button.



🌆 Add a new alarm plan config		×
Steps	Title and Description	
 Alarm plan configuration Title and Description 	Title New Alarmpian	
I VISBOOR UI UI U	Description	
. WINSSIE	Alarmplan with one escalation and email notification	
1001		
AND THE		
10000		
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VIII		
	< Back 1 (ext > Firsh Cancel	Help

Here, you enter the title and description for the alarm plan in the corresponding text fields.

Click the **Finish** button to access the next step.

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- 3 Alarm Management							
Generic modbus profiles							
Time Management							
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Online Historical values							
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6 Summary

Please enter your text here. General information Alarm plans determine how GridVis behaves in case of an alarm.

You can create several alarm plans.

Escalation levels

An alarm plan can contain any number of escalation levels.

You specify a time period after which an unacknowledged alarm escalates to the next higher escalation level.

Actions to execute

You can add any number of actions to an alarm plan.

The following two types are available:

- Program execution action
- Send an email.

These actions can be triggered if:

- A new alarm was raised.
- An alarm has new details.
- An alarm escalates to the next level.
- An alarm has been acknowledged by a user.

• An alarm was sent back to normal. This means when the condition for the alarm is no longer met.

You can find out how to define an alarm source here.