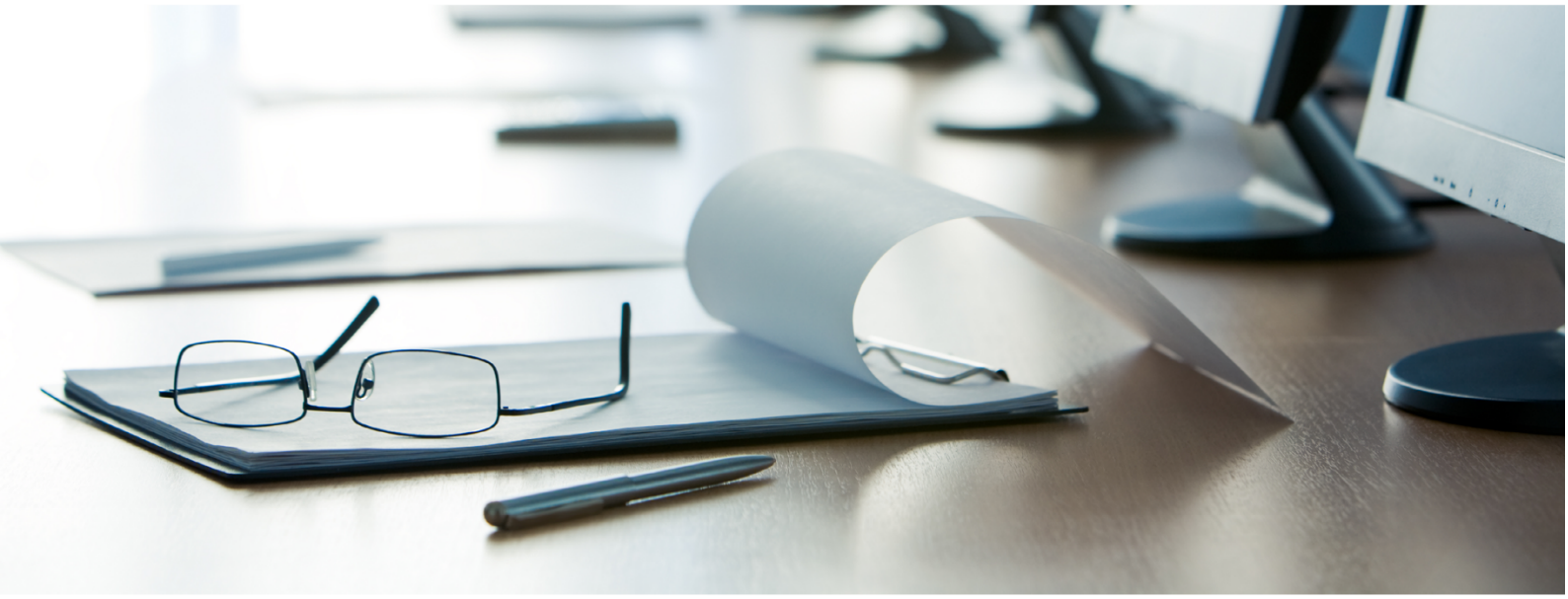
Smart Energy & Power Quality Solutions

Janitza E-Learning Portal

Manual

Creating an alarm source



Janitza®

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This lesson will teach you how to create an alarm source for your GridVis project. In this lesson, you will set up an overcurrent alarm at measurement input L1.

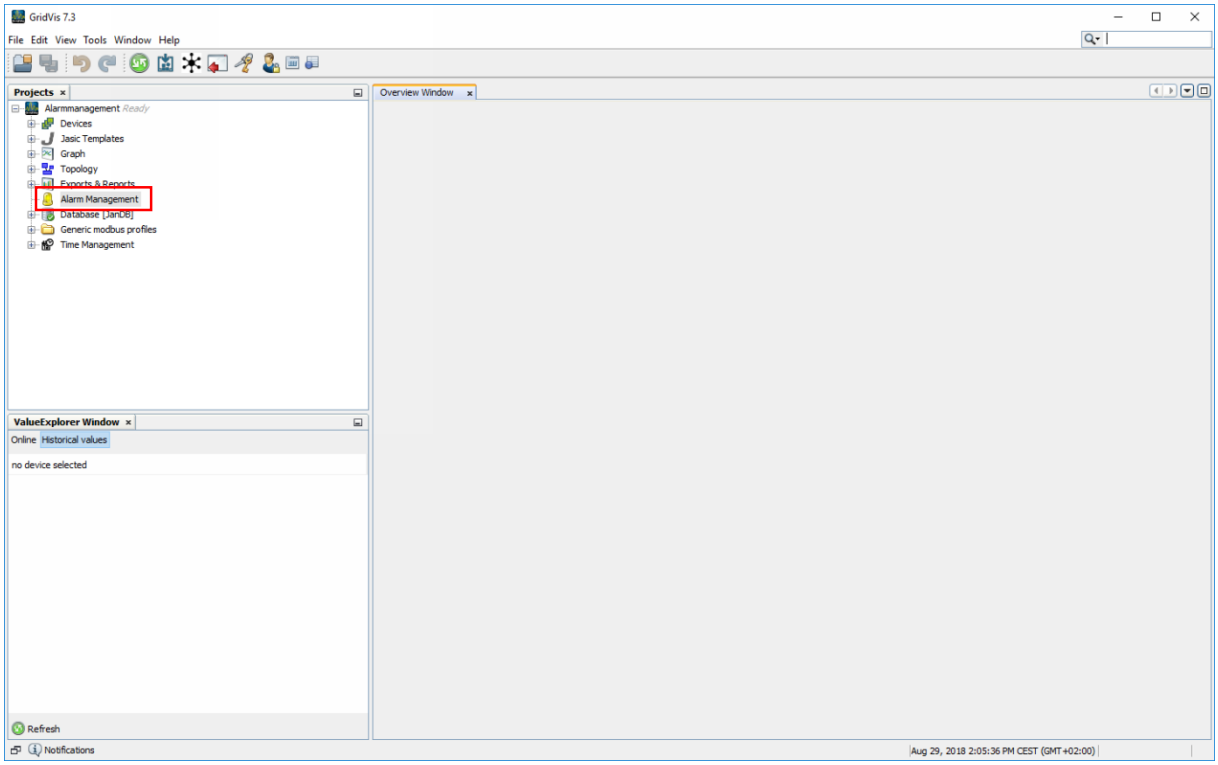
> These instructions will interactively guide you step by step through the explained function. The instructions are provided in the navigation menu at the bottom of the screen.

Content

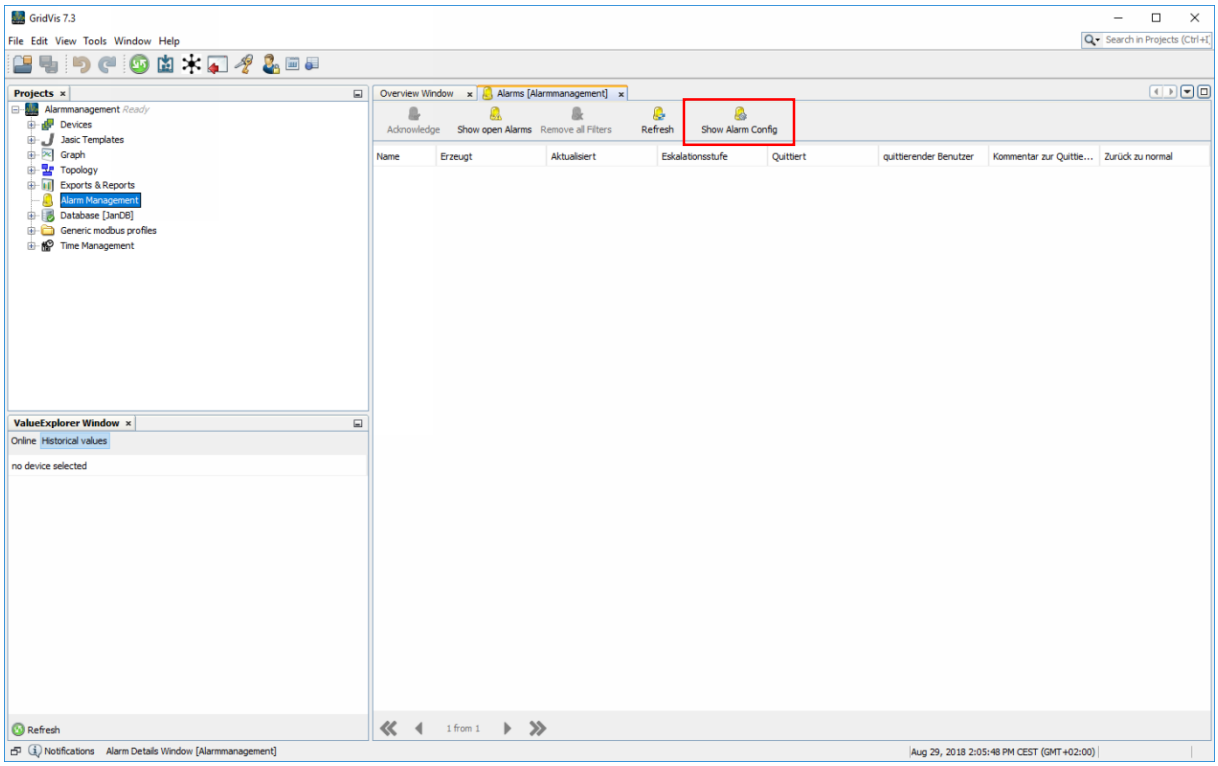
- ■ Opening the alarm source overview.
- ■ Adding a new alarm source.
- ■ Selecting the value to be monitored.
- ■ Selecting a monitoring period.
- ■ Selecting the responsible GridVis service.

> These instructions will interactively guide you step by step through the explained function. The instructions are provided in the navigation menu at the bottom of the screen.

1 Open the alarm configuration

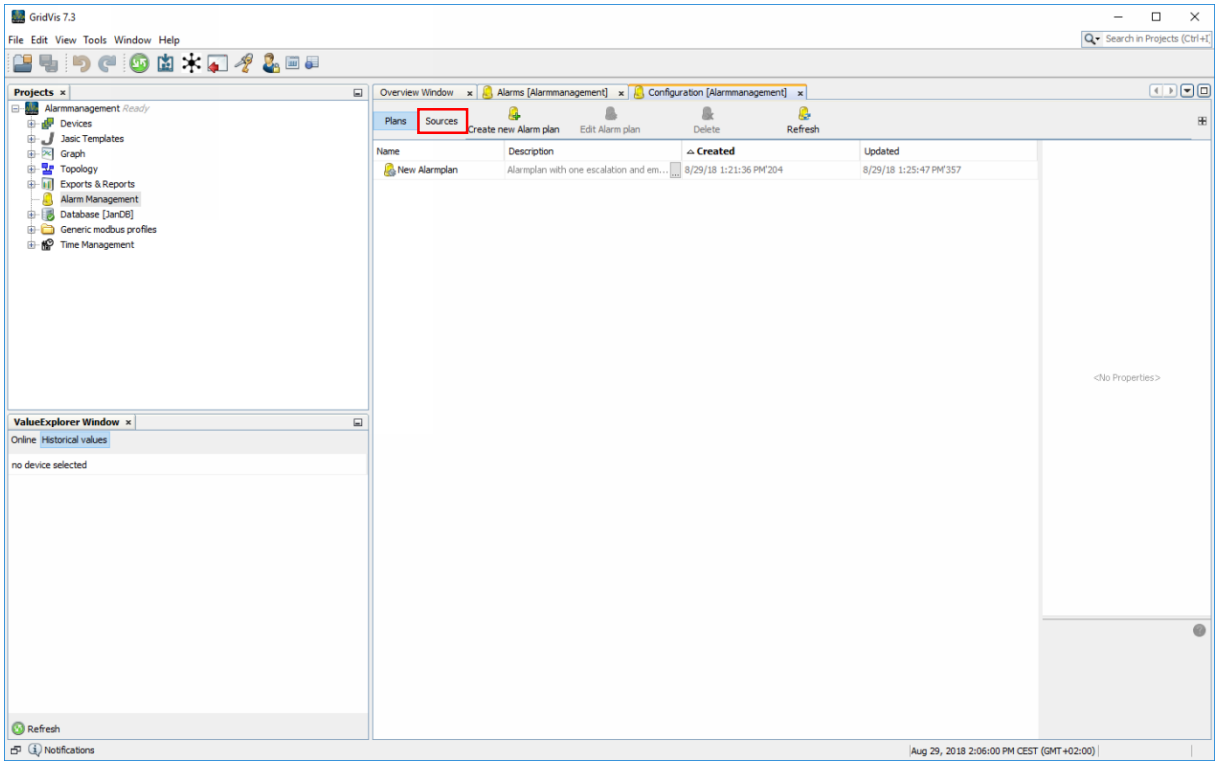


Double-click the **Alarm Management** tree item.

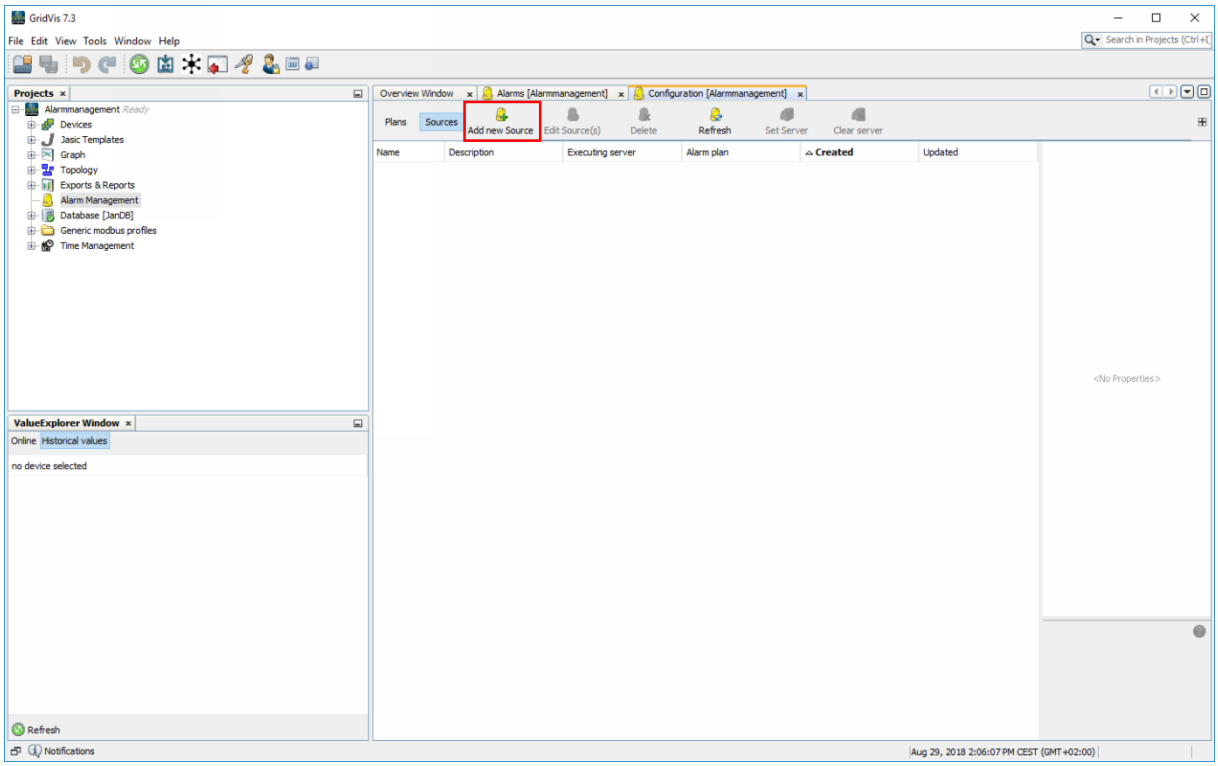


Click the **Show Alarm Config** button.

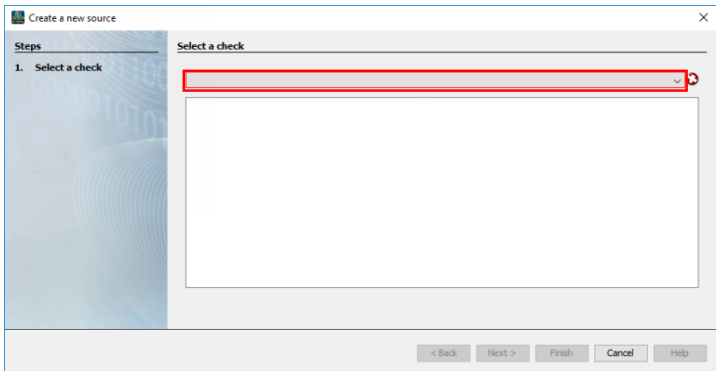
2 Create a new alarm source



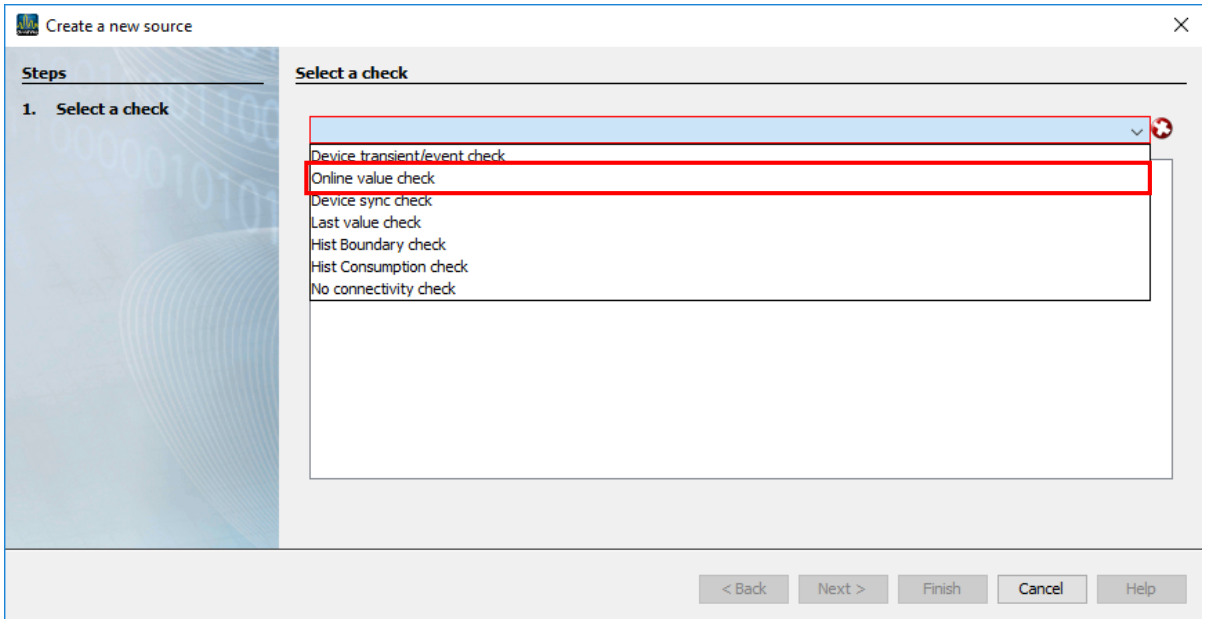
Click **Sources**.



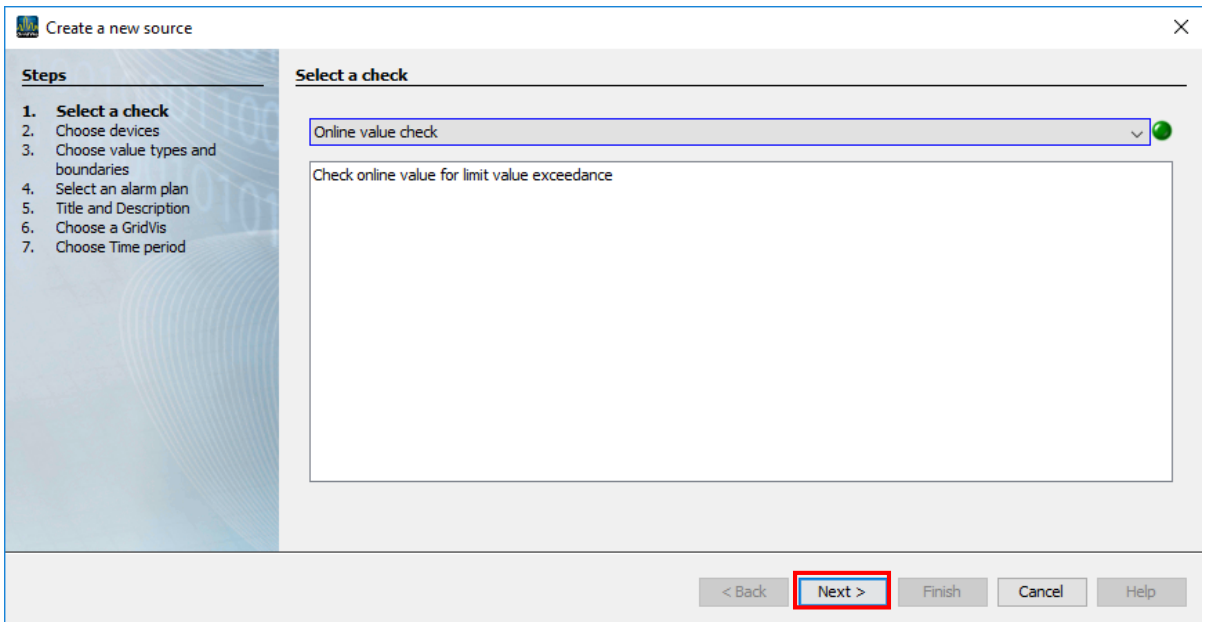
Click the **Add new Source** button.



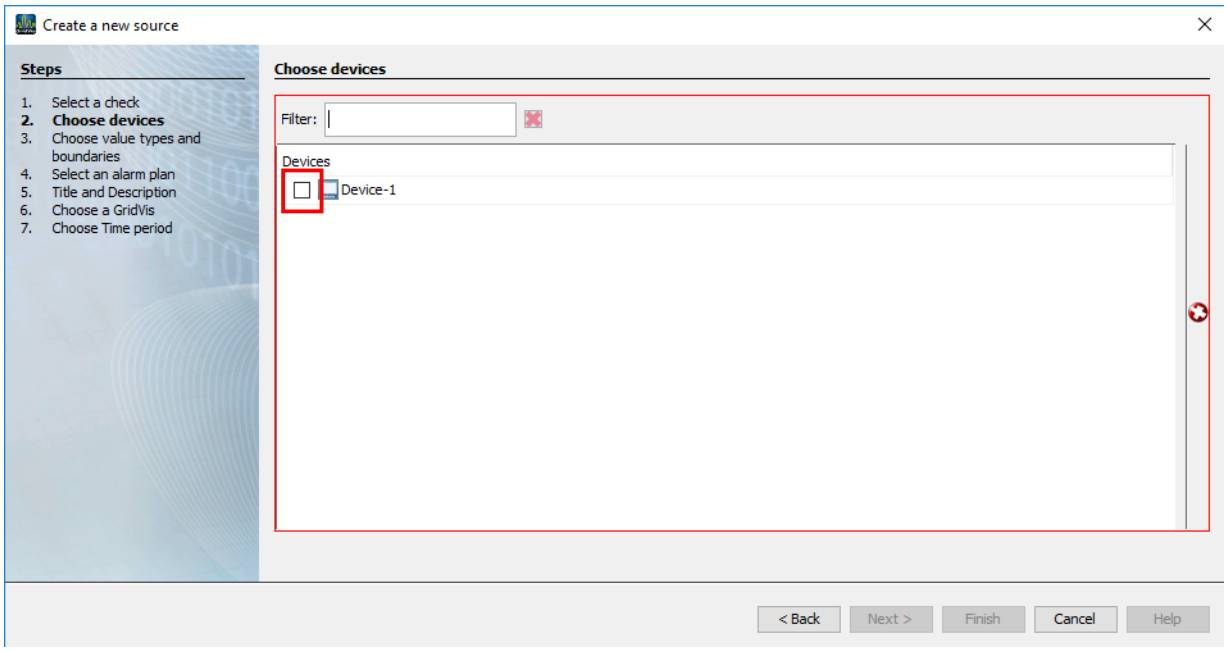
Click the dropdown button.



Select the desired alarm source. **Online value check** in this example.

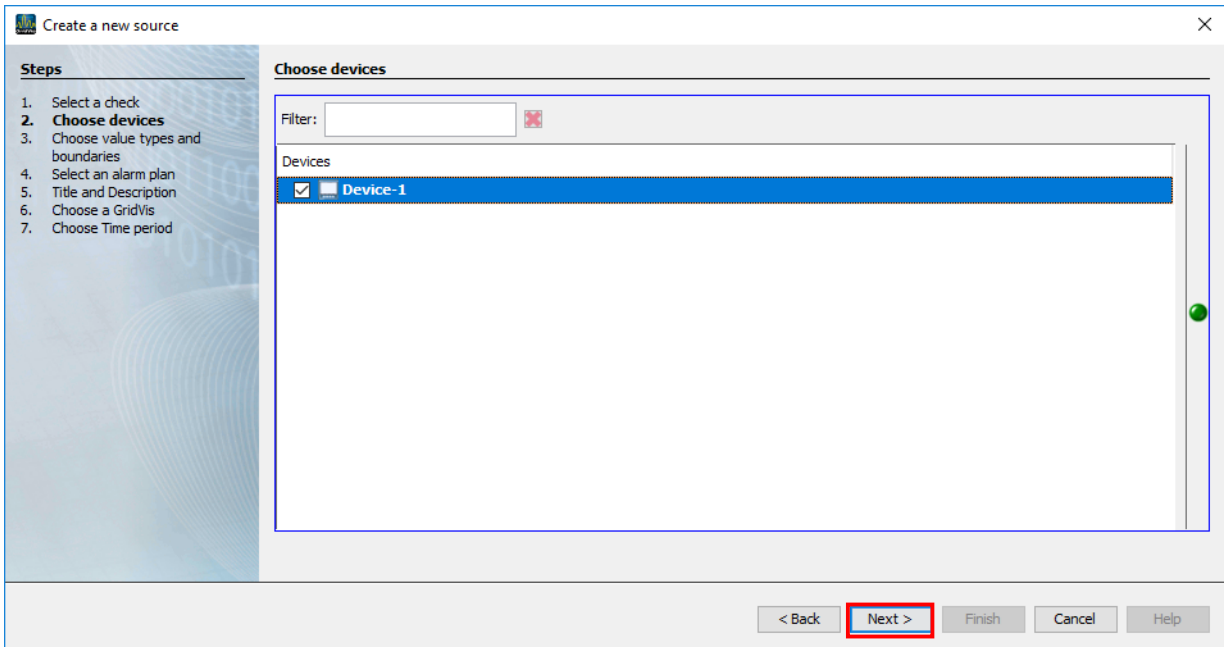


Click the **Next** button.

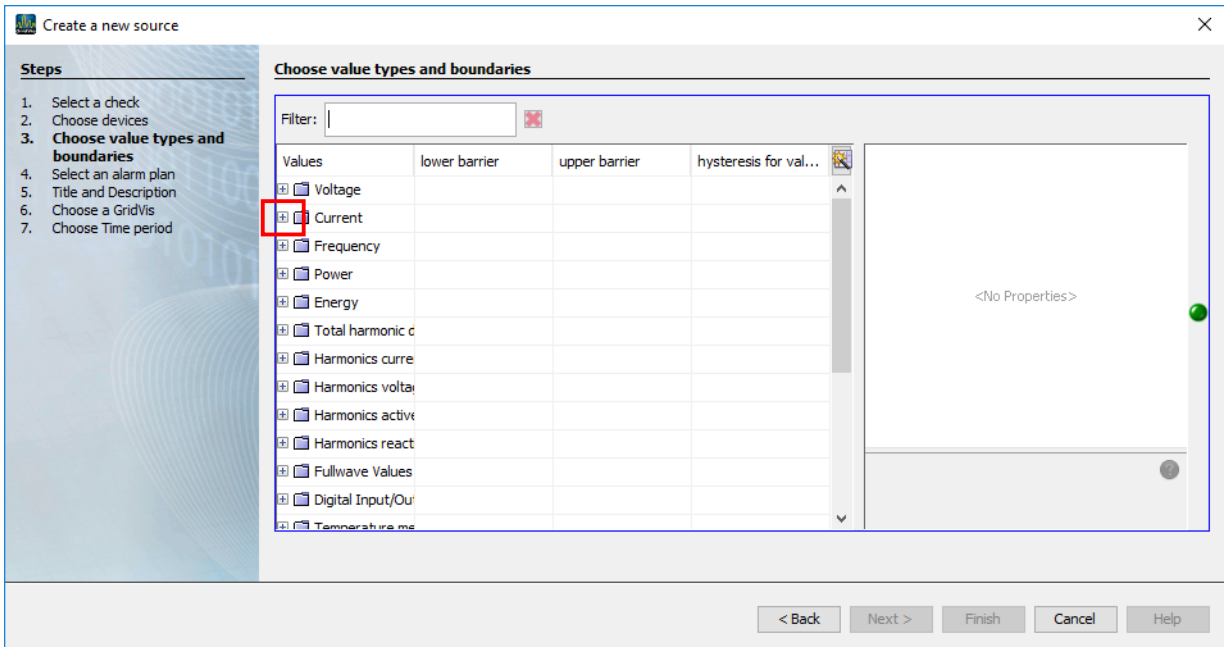


Click the checkboxes of the devices that you want to monitor.

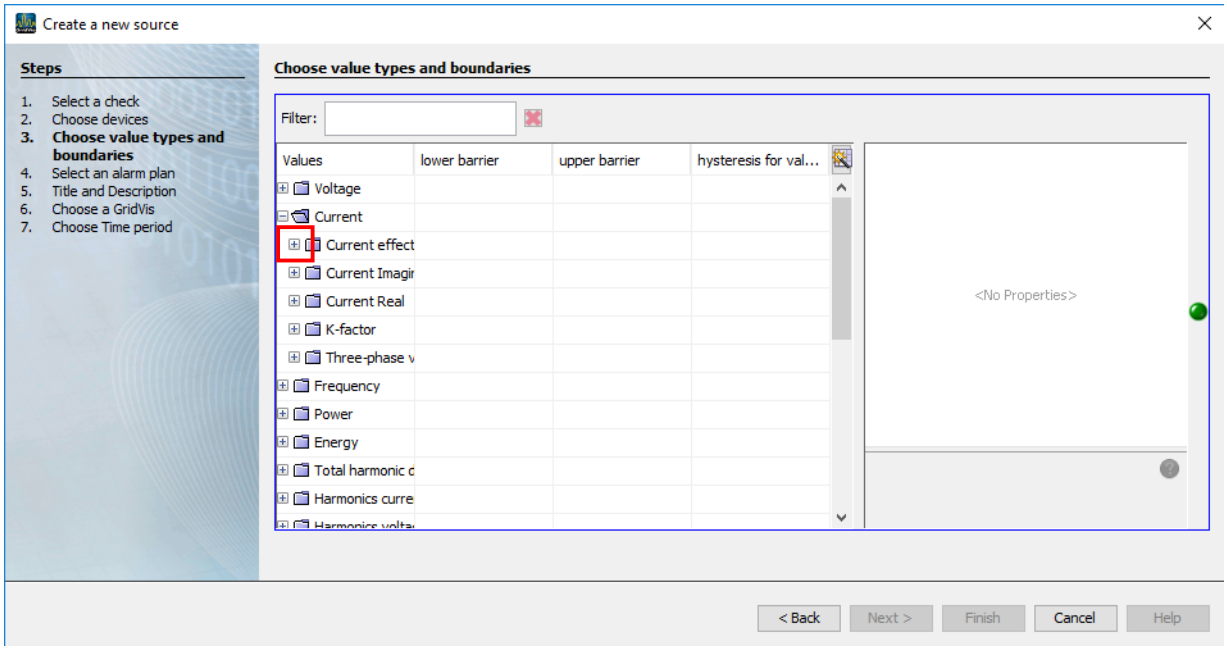
> If you have integrated more than one device into your project, you can also select several devices here.



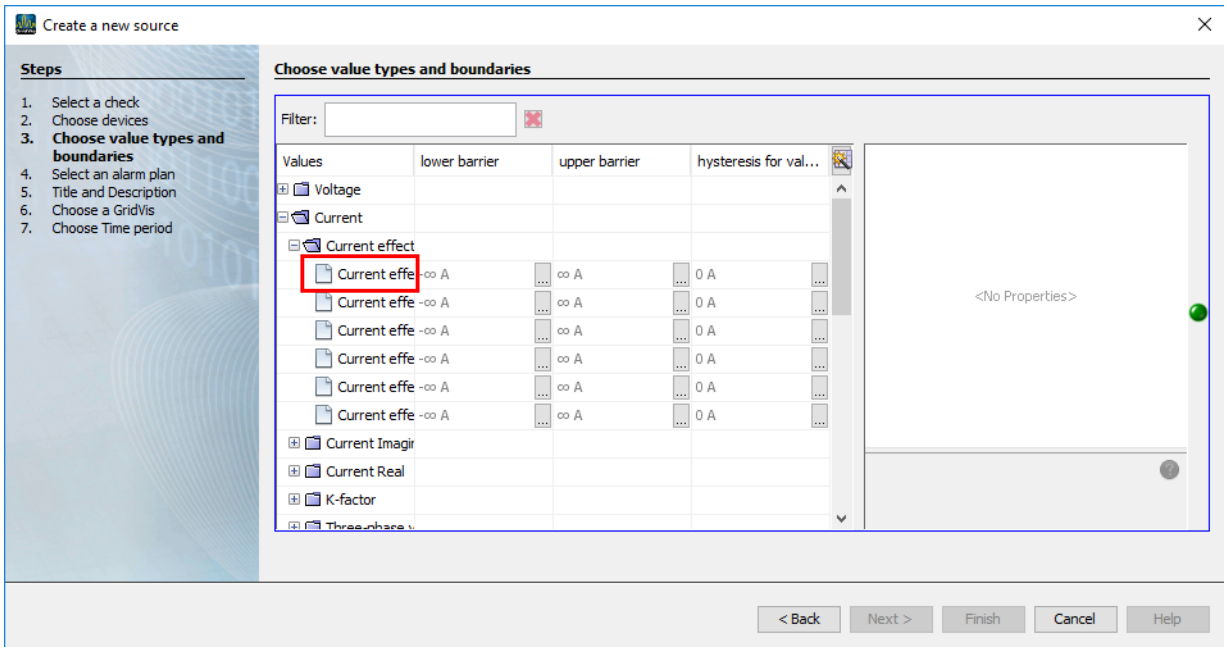
Click the **Next** button.



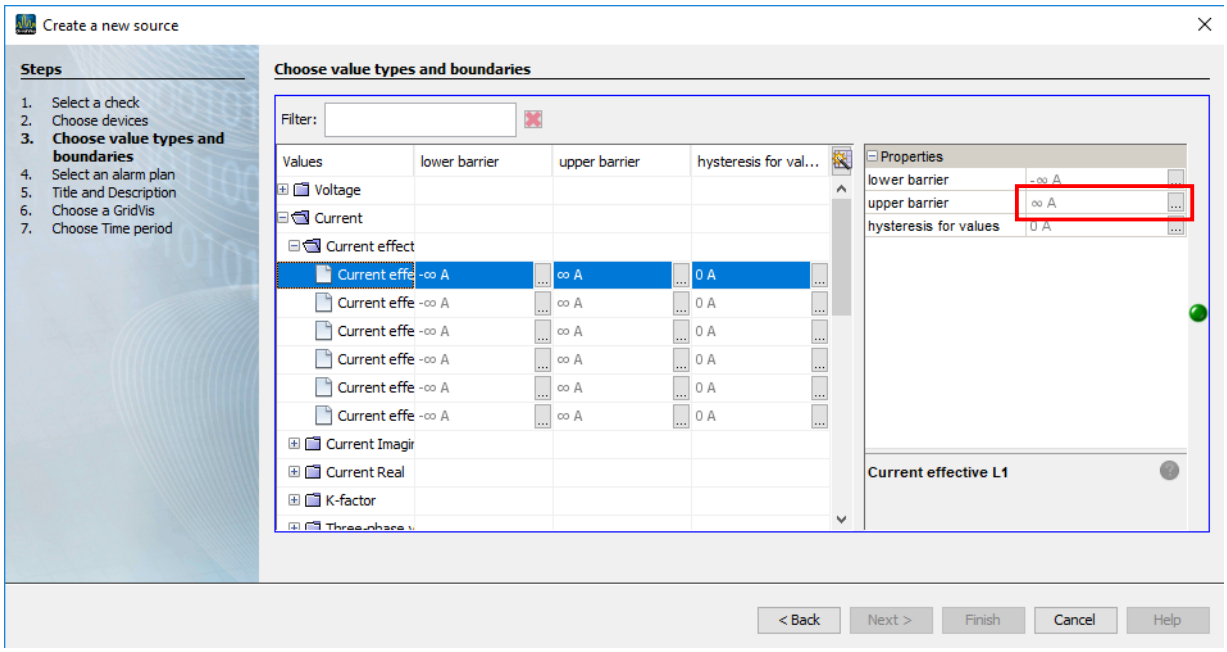
Open the corresponding tree entry to display the available measured values. **Current** in this example.



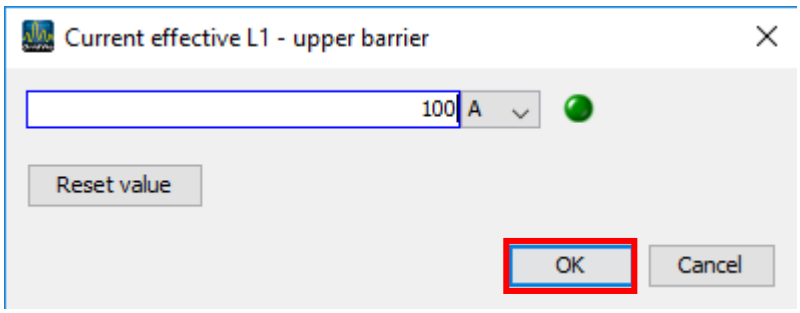
Open the corresponding tree entry to display the available measured values. **Current effective** in this example.



Select the desired measured value from the list. **Current effective L1** in this example.

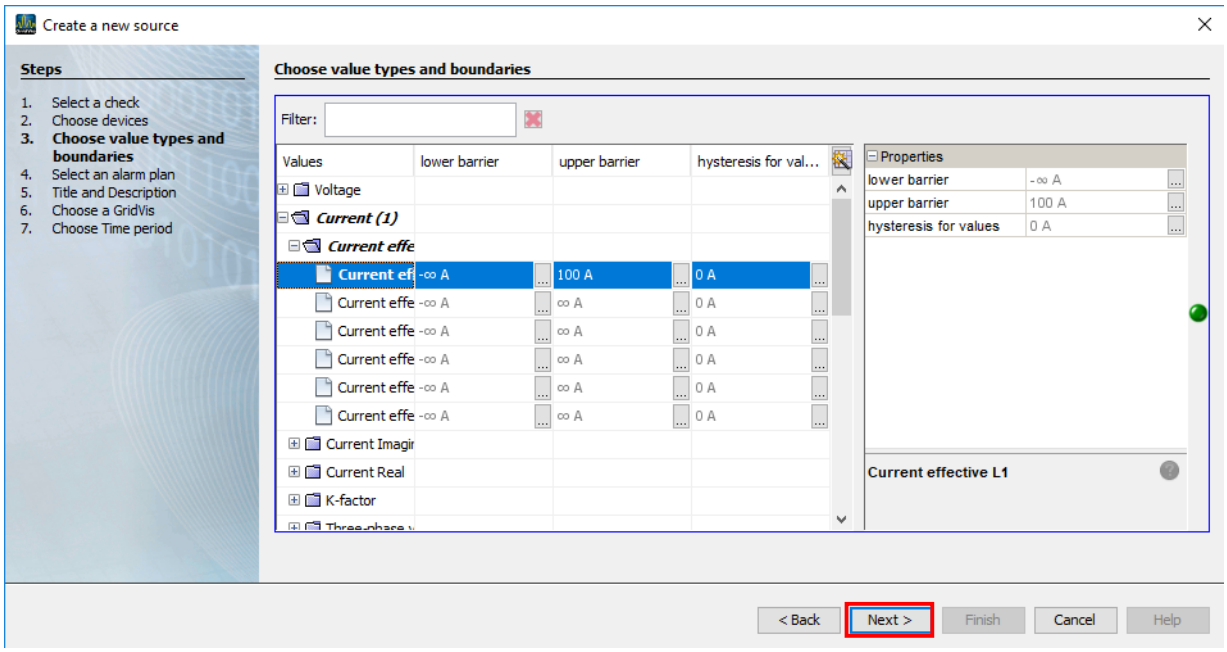


Click the **Upper barrier** input field to define an upper barrier for the measured value.

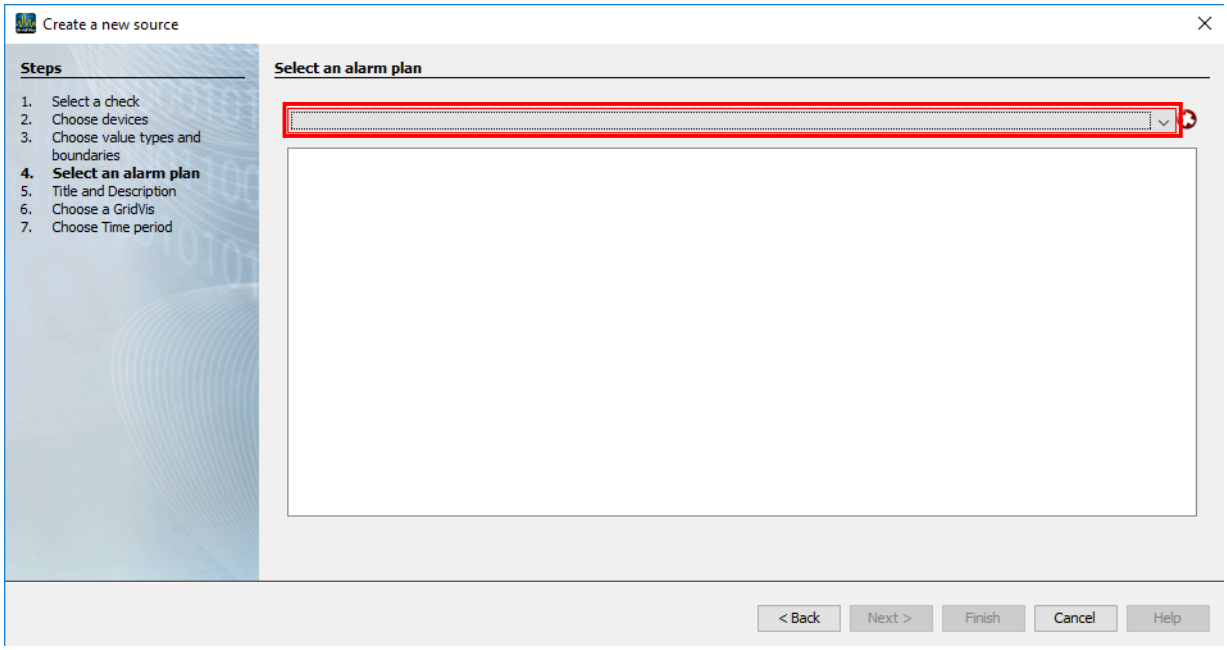


Here, you enter a threshold value that is to trigger the alarm when exceeded. You can define an upper and lower barrier for an alarm.

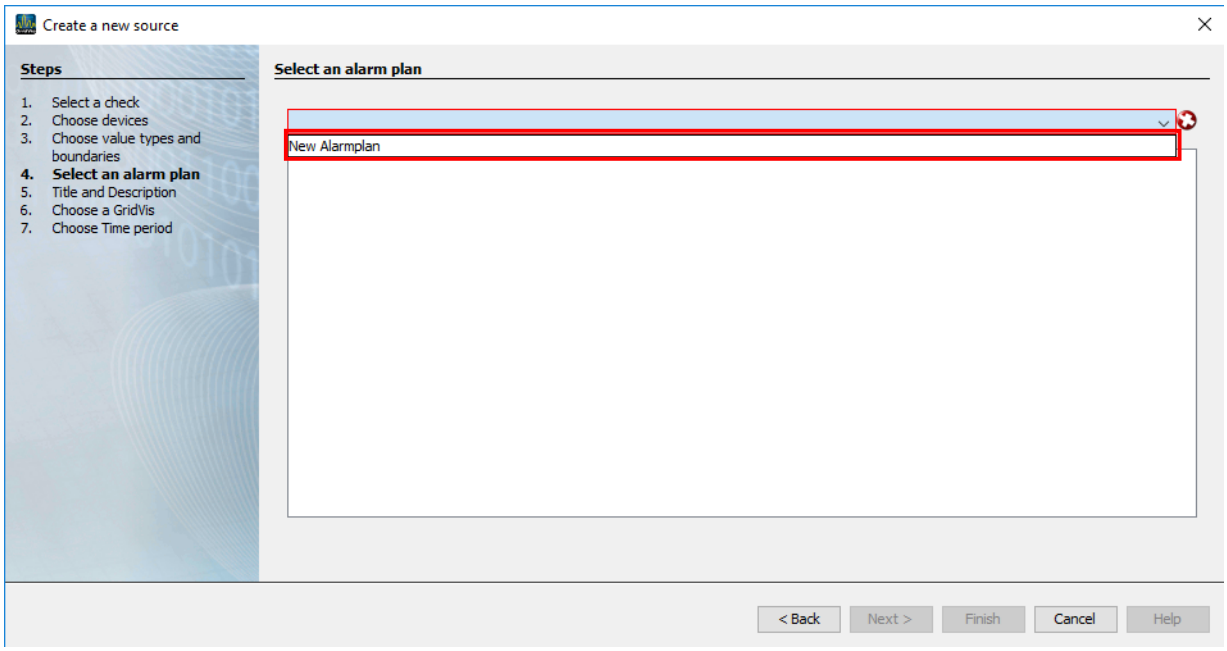
Click the **OK** button to access the next step.



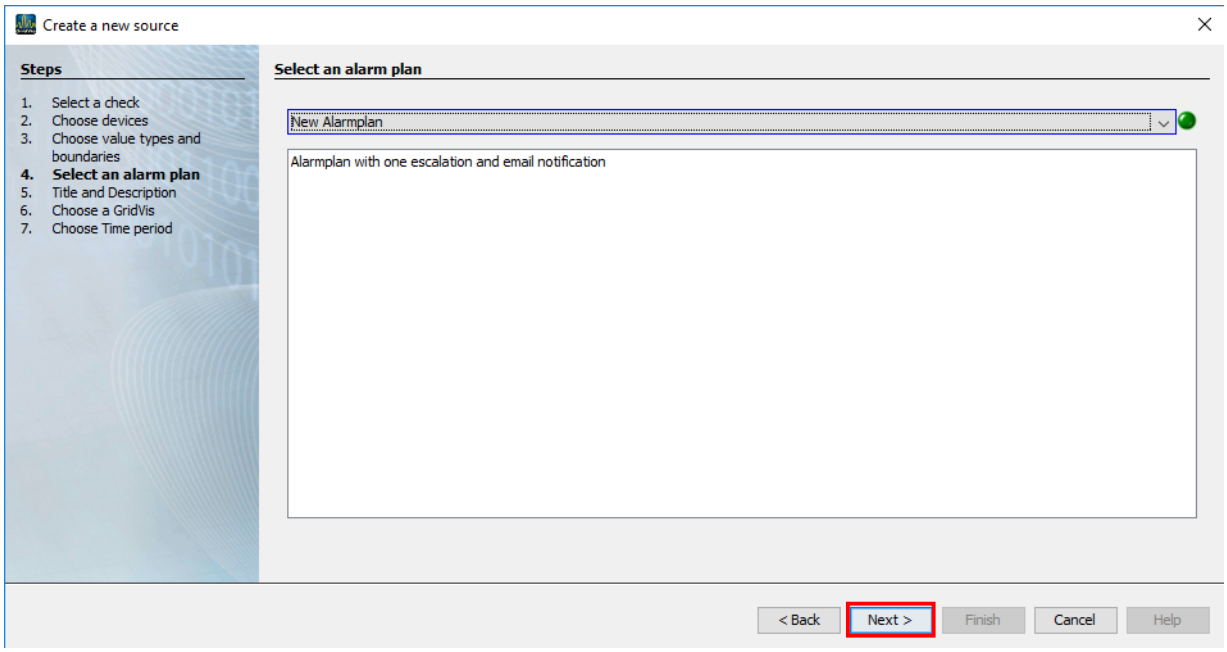
Click the **Next** button.



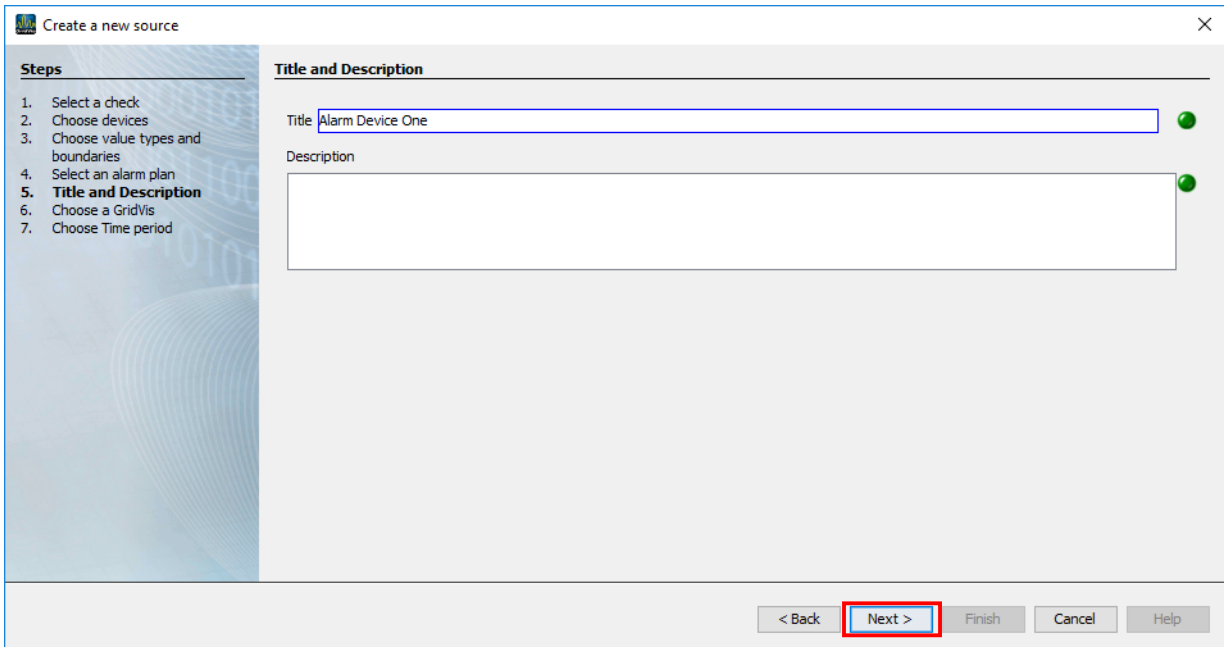
Click the dropdown button.



Select an alarm plan from the list.

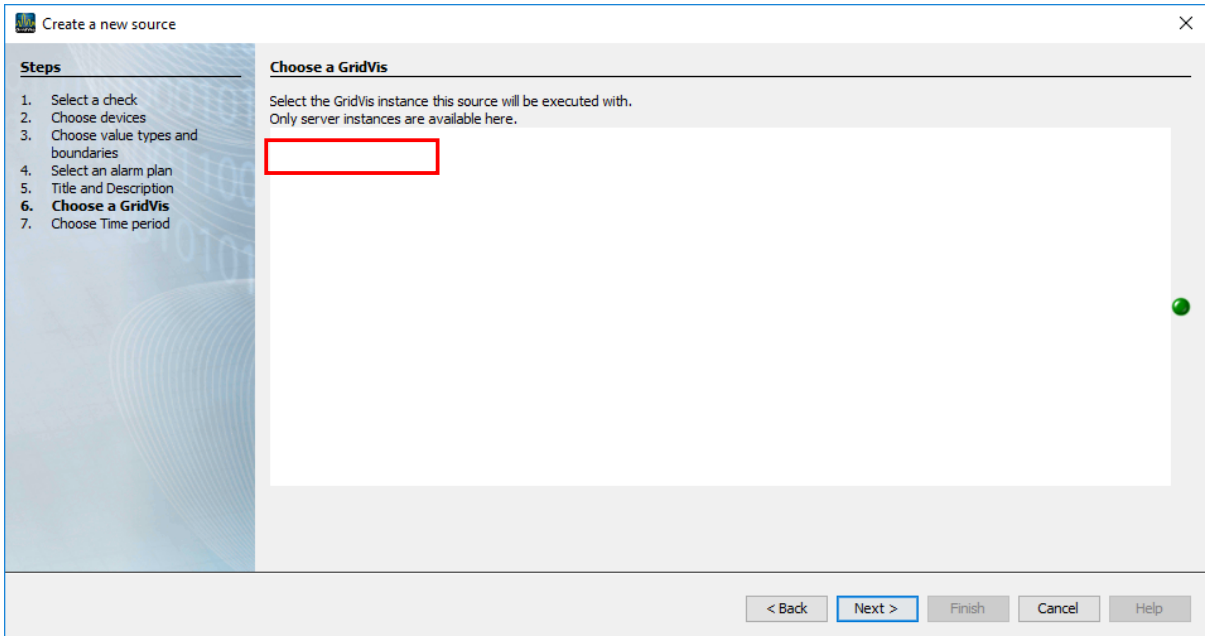


Click the **Next** button.



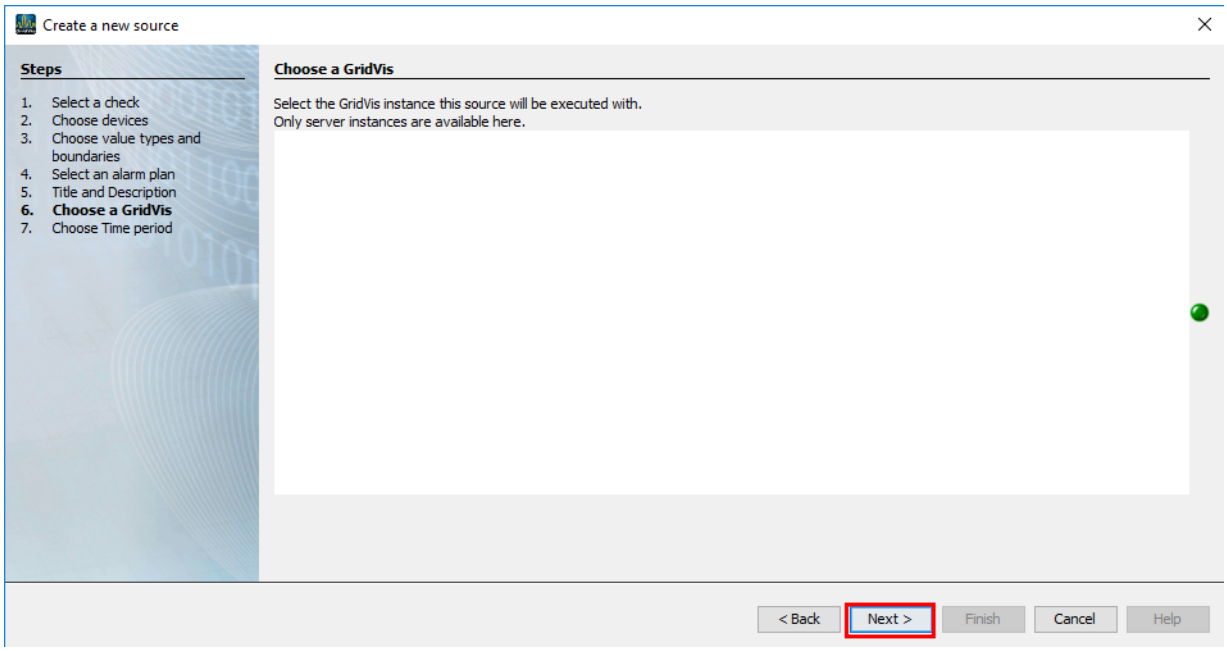
Here, you enter the title and description for the alarm plan in the corresponding text fields.

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

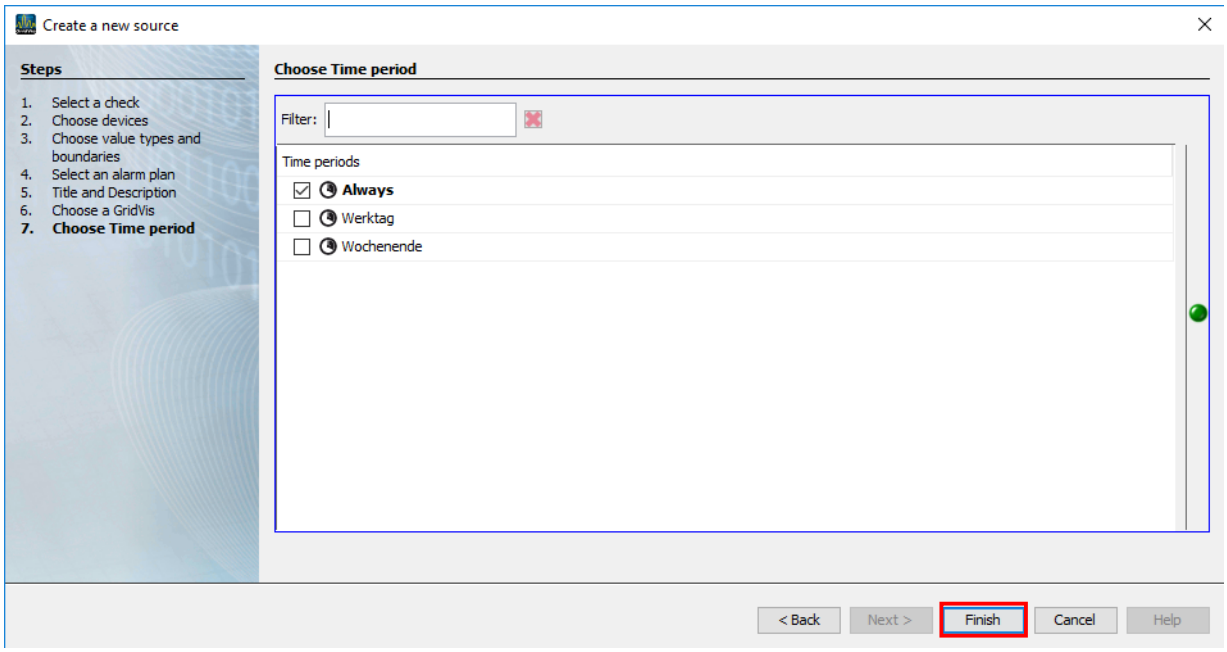


Select the GridVis service from which the alarm source is to be taken into consideration.

> The GridVis service is required so that monitoring can be run permanently in the background (even if the GridVis Desktop is not open).

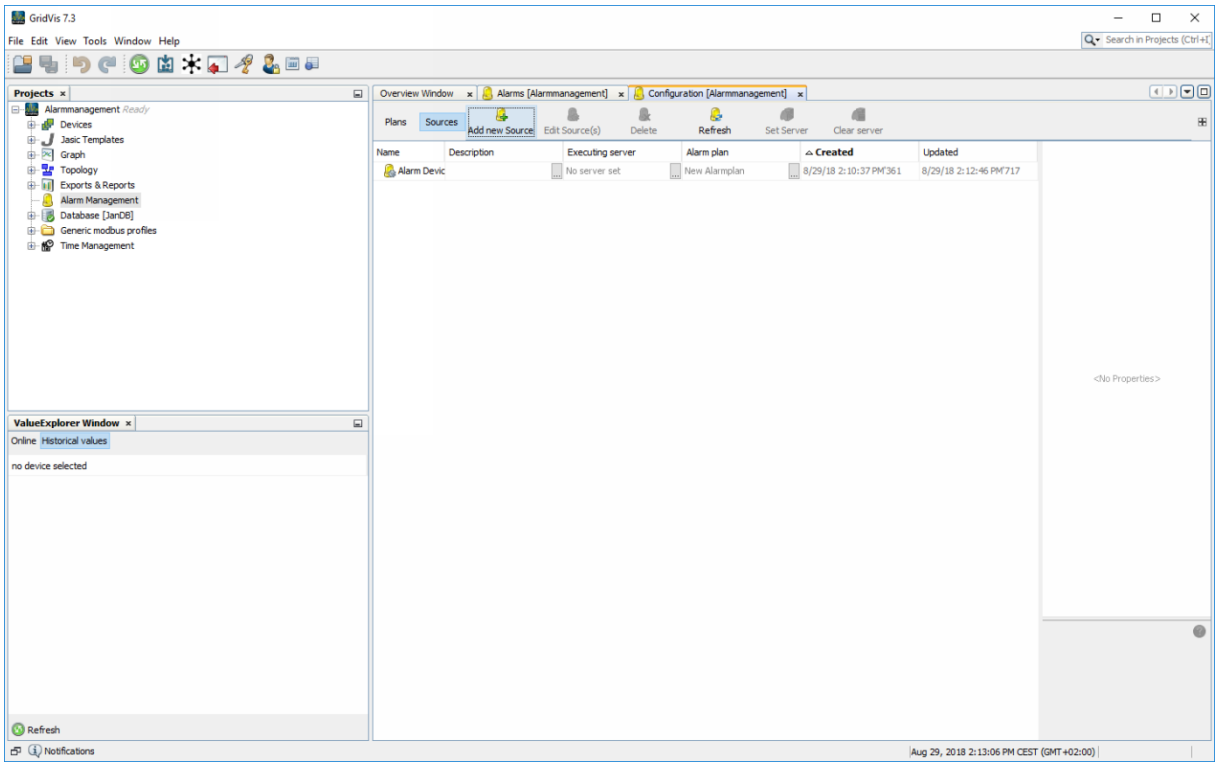


Click the **Next** button.



Select a period during which the alarm source is to be taken into consideration and click the **Finish** button.

> You can create additional time periods in GridVis Desktop and GridVis Energy. You can find more information here.


GridVis 7.3
File Edit View Tools Window Help
Search in Projects (Ctrl+I)
Projects
Alarmmanagement Ready
Devices
Jasic Templates
Graph
Topology
Exports & Reports
Alarm Management
Database [JanDB]
Generic modbus profiles
Time Management
Overview Window
Alarms [Alarmmanagement]
Configuration [Alarmmanagement]
Plans
Sources
Add new Source
Edit Source(s)
Delete
Refresh
Set Server
Clear server
Name
Description
Executing server
Alarm plan
Created
Updated
Alarm Devic
No server set
New Alarmplan
8/29/18 2:10:37 PM 361
8/29/18 2:12:46 PM 717
<No Properties>
ValueExplorer Window
Online
Historical values
no device selected
Refresh
Notifications
Aug 29, 2018 2:13:06 PM CEST (GMT+02:00)

3 Summary

Please enter your text here.

Alarm sources

You can select the following as alarm sources:

- Check for transients / events.
- Online value check.
- Check the device synchronization.
- Check the last value.
- Threshold value check of historical data.
- Check the consumption.
- Availability check.

> You can find out how to create an alarm plan here.

Click .