CODESYS STORE

Trend Example

The example project shows how to visualize and record values with the "Trend" element.

Product description

The example project "TrendExample" contains three applications with different "Trend" configurations.

Following features are described in the example:

- Conditional recording of values
- Long term recording of values
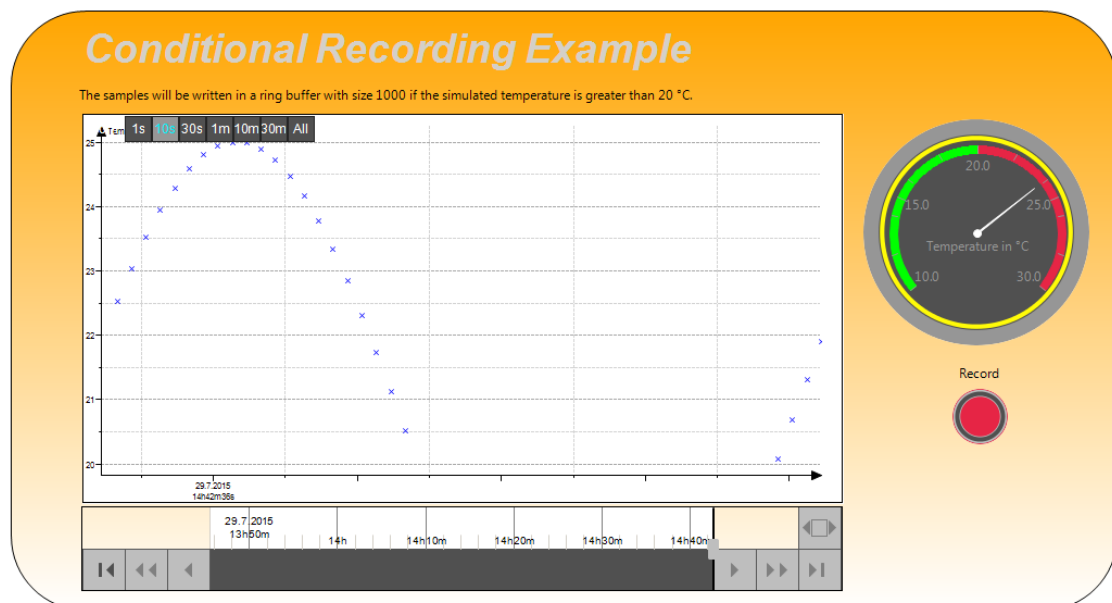- Multiple recording of values

More information on the "Trend Element" and its configuration can be found in the CODESYS Help:

CODESYS Visualization > Visualization Elements > 'Special Controls' > 'Trend'

More information

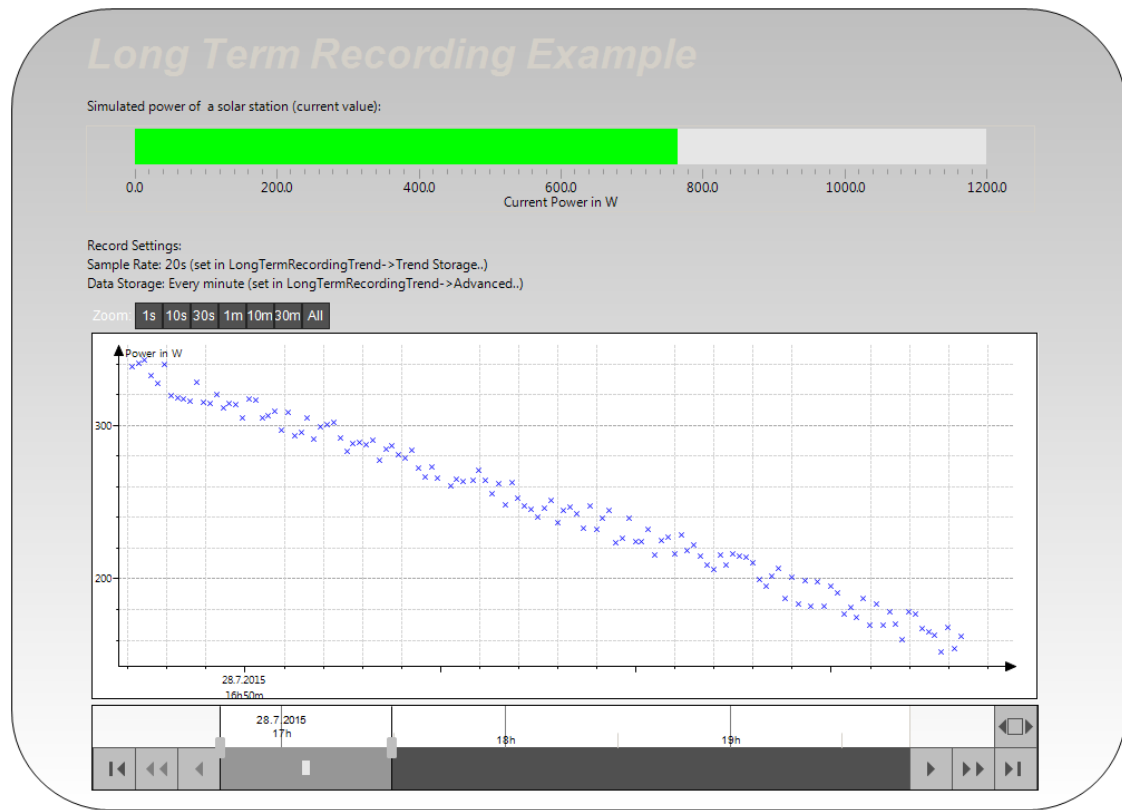**Application ConditionalRecording**

The recording of values can be triggered by a recording condition. The example generates a sine signal with amplitude of 500. The signal is recorded, if the amplitude is greater or equal 200. The recording condition can be set in the section "Recording Settings" of Trend Recording Manager.

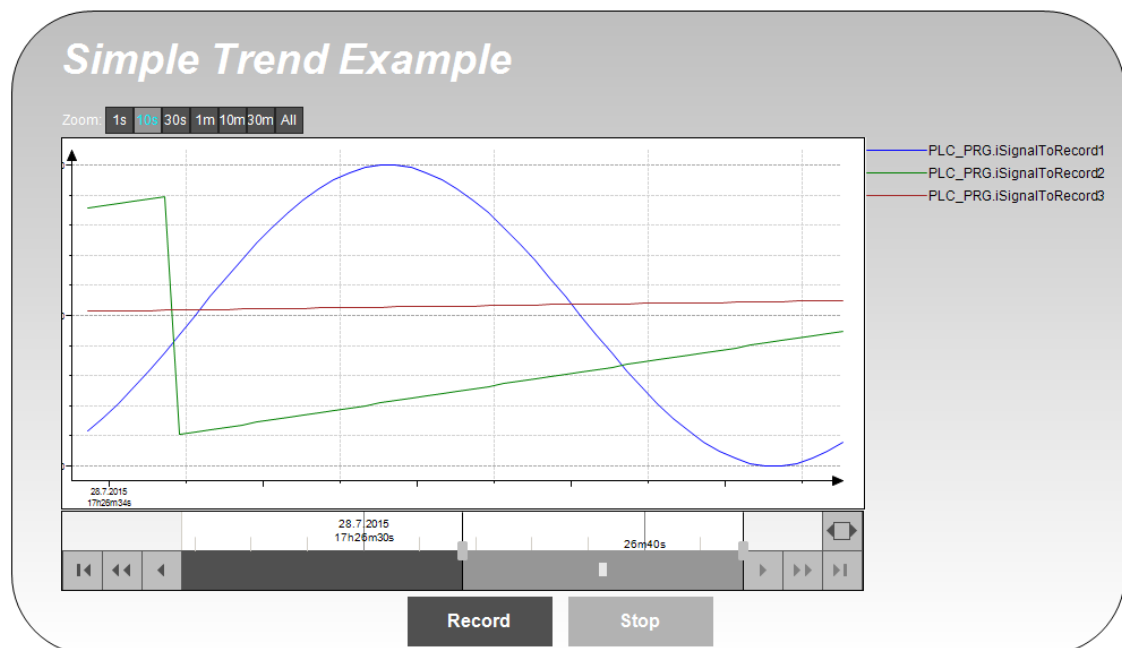*Application ConditionalRecording*

Application LongTermRecording

This example shows how to configure the trend element for long term recordings. The example simulates the power of a solar station. The power rCurrentPower will be recorded every 20 seconds and will be stored in the database every minute. You can set the recording interval via the dialog "Advanced Trace Settings" and the field "Measure in every n-th cycle". The storage interval can be set by the field "Store every N milliseconds" in the dialog "Trend Storage".

Application LongTermRecording

Application SimpleTrendExample

The example application generates three signals which are recorded and visualized by the trend element. The recording can be started with the `Record` button.

Application SimpleTrendExample

General information

Manufacturer:

3S-Smart Software Solutions GmbH
Memminger Strasse 151
87439 Kempten
Germany

Support:

https://support.codesys.com

Item:
Trend Example
Item number:
000058
Sales:

CODESYS Store
https://store.codesys.com

Included in delivery:
Package with example project

System requirements and restrictions

Programming System	CODESYS Development System V3.5.7.0
Runtime System	CODESYS Control V3.5.7.0
Supported Platforms/ Devices	All Note: Use the project "Device Reader" to find out the supported features of your device. "Device Reader" is available for free in the CODESYS Store.
Additional Requirements	-
Restrictions	-
Licensing	No license required
Required Accessories	-

Note: Not all CODESYS features are available in all territories. For more information on geographic restrictions, please contact sales@codesys.com.
Note: Technical specifications are subject to change. Errors and omissions excepted. The content of the current online version of this document applies.