

# Control the Time Interval Objects - Output (ToR) (HI /Monitoring and Controlling of D2000 System Objects/Old Control Windows)

## Controlling time interval objects - output (ToR)

### !!! OLD CONTROL WINDOWS !!!

Clicking a graphic object with an output I/O Tag of Time Interval (ToR) type connected to control (the user has insufficient access rights) opens the following control window.

1	Object name.
2	Object description.
3	Current value [states] and technical units of the object. Value mask is DAY HRS:MIN:SEC:MILLISECONDS.
4	Time when the objects has got the current value.
5	Flags (attributes) of the object value. There are displayed the names of flags, value of which is TRUE.
6	Range defined for the object: <VLL, LL, HL, VHL>.  VLL - Very Low Limit (the lowest limit) LL - Low Limit HL - High Limit VHL - Very High Limit (the highest limit)
7	Acknowledge an object value.
8	Button to control process alarms.
9	Part of control window intended for <a href="#">output control</a> .
10	Part of control window intended to set a <a href="#">náhradnej hodnoty</a> .

## Default value of time interval objects - output (ToR)

Checking the **Use default value** checkbox allows to use a default value. Control window is enhanced with control buttons that allow to control a default value. The I/O Tag value can be replaced with a value of another object (so-called control object) or set manually by operator process [D2000 HI](#) by means of the following part of control window.

1	Input mask option: full / by transformation palette.
2	Control arrow buttons to set an object default value according to entered mask.
3	Depending on the <b>Execute</b> button, the <b>SET</b> buttons perform two possible functions:  1. The <b>Execute</b> button is not placed in the window. Clicking the <b>Set</b> button will set the defined default value along with object value flags (attributes). 2. The <b>Execute</b> button is placed in the window. Clicking the <b>Set</b> button only "prepares" the defined default value along with value flags (attributes) to set.
4	This button is placed in window if the <b>Acknowledge</b> option has been checked during link configuration of the graphic object in the process <a href="#">D2000 GrEditor</a> . Clicking the <b>Execute</b> button will set the defined default value along with value flags (attributes) that have been "prepared" to set by clicking the <b>Set</b> button.
5	Switch default value mode into automatic mode. Default value in this mode copies a value of control object.
6	Current value and state of control object. Value mask is DAY HRS:MIN:SEC:MILLISECONDS.
7	Cancel the validity of the default value.
8	Insert the controlled object into current page of opened Browser. If Browser is not opened, clicking on this button will open it and the controlled object will be inserted into its first page.
9	Close the control window.
10	Set flags (attributes) of the object default value.

## Output control

Object value of Time interval - output (ToR) type can be controlled by a value of another object (so-called control object) or it can be set manually by HI process operator in the following part of control window

1	Control arrow buttons to set an object value (DAY HOUR:MIN:SEC:MILLISECONDS).
2	Set flags (attributtes) of the output object value.
3	Depending on the <b>Execute</b> button, the <b>SET</b> buttons perform two possible functions:  1. The <b>Execute</b> button is not placed in the window. Clicking the <b>Set</b> button will set the defined output object value along with value flags (attributes). 2. The <b>Execute</b> button is placed in the window. Clicking the <b>Set</b> button only "prepares" the defined output object value along with value flags (attributes) to set.
4	This button is placed in window if the <b>Acknowledge</b> option has been checked during link configuration of the graphic object in the process <a href="#">D2000 GrEditor</a> . Clicking the <b>Execute</b> button will set the defined output object value along with value flags (attributes) that have been "prepared" to set by clicking the <b>Set</b> button.
5	Switch output object value mode into automatic mode. Object value in this mode copies a value of control object.
6	Current value and state of the control object value. Value mask is DAY HRS:MIN:SEC:MILLISECONDS.