

Eval Tags

Eval tags

Eval tags are objects that acquire values on the basis of the defined expression (formula). Maintainer of eval tags is the calculation process - SELF.CLC. This process determines values of eval tags and reports changes of these values to D2000 system. Value changes are reported via communication with process [D2000 Server](#).

Using eval tags in D2000 system

- calculations of derived values
- handling output tags in AUTO mode
- [operands](#) in logical and arithmetical [expressions](#)
- [operands](#) in conditions to raise and finish alarms
- displaying in [pictures](#)
- displaying in [graphs](#)
- [archiving](#) and displaying in [graphs](#)

Calculation method

Eval tag values, via process [D2000 Calc](#) (SELF.CLC), are calculated:

- **periodically** - expression is calculated periodically according to the given period and offset.
- **on change** - expression is calculated when a value of at most one object placed in the expression notation is changed.
- **trigger** - expression is calculated according to the defined condition (trigger).



Related pages:

[Eval tags - configuration dialog](#)

[Eval tag values](#)

[Mathematical apparatus for Events and Eval tags](#)