

Logging Parameters (D2000)

Event logging in the system

"Log database" dialog box in the process [D2000 CNF](#) allows to set the log database parameters. The dialog box contains table comprising the following columns:

- **Event** - category of system events,
- **Log** - [Yes/No] - enable / disable logging particular event into the log database,
- **History depth [days]** - [0-365] - writing period of event into the log database (in days),
- **Use device** - [Yes/No] - enable / disable event logging to output device,
- **Device** - name of output device. Output device is the type of device, where logged data will be written. There are these types of output devices:
 - PRN, LPT1, LPT2 - output to specified printer,
 - `FileName.Ext` - saving to a text file of given name.

Event category	System events
Alarms	All changes of alarm states (information about particular alarm states and their changes, see the on-line guide D2000 System Configuration - topic A alarm states).
System	Start and stop of D2000 system Operator's logon into D2000 system (logon with incorrect name or password).
Process	All status changes of D2000 system processes (e.g. start, stop, breakdown).
Kom process	Communication failures.
Operator	All operator's interactions into the system (e.g. changes of system objects' values via control windows in the process D2000 HI).
Event	Logs written by performed LOG commands.
Logon/Logoff	Operator's logon / logoff from / to D2000 system processes.
ManualEntry	Not implemented yet.
Change value	Spontaneous changes of values.
PostMortemData	Special communication data.

To set parameters to write events of given category into the log database:

1. Click required category of events.
2. Using **Log**, **History depth**, **Use device** and **Device** placed below the table, set parameters for the given category of events.
3. Click the **Save** button to confirm the log database configuration.