

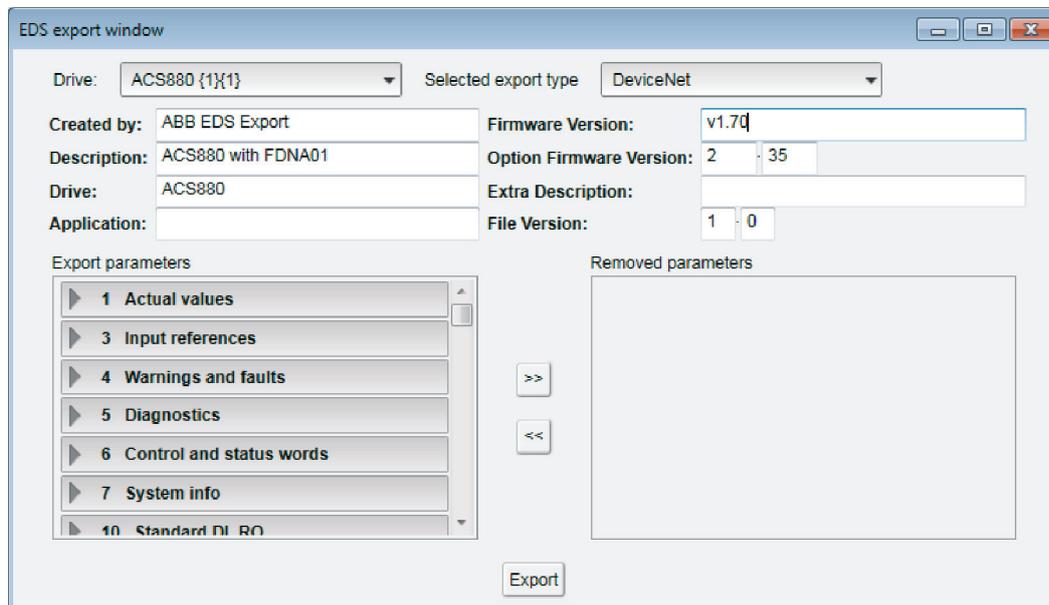
Introduction

With EDS export, the user can generate configuration files for DeviceNet, CANopen, EtherCAT, Ethernet Powerlink, EtherNet/IP and ControlNet. The input can be either an online drive or an offline parameter file (.dcpparamsbak).

To generate files

To do so, follow these steps:

1. If using an offline file then go to step 5.
2. Install the fieldbus adapter to the drive. See the hardware manual of the drive.
3. Connect the PC to the control panel using a USB cable.
4. Start Drive composer pro; enable the adapter as FBA A or FBA B.
5. If you want to generate EDS files later from an offline file, save the parameters to a file now.
6. If using a previously saved file, open it now.
7. Choose Tools -> EDS Export.
8. The EDS Export window opens.



9. Choose the drive or file. All online drives and open parameter files are shown in the list.
10. Select export type.
11. The default values are shown in the fields Created by, Description, Drive, Firmware Version, Option Firmware Version and File Version.
12. Press the Export button to generate the file. The file location and name can be chosen in the File save dialog. A default name suggestion is given in the dialog.

If needed, some of the settings can be changed; all the text fields except the Option Firmware Version can be freely changed as these are informational strings in the resulting files and do not affect the operation. Option Firmware Version on the other hand must be correct because PLCs use it for identification.

There is also an option to omit parameters from the resulting file. At the bottom of the EDS Export window, there are two fields called Export parameters and Removed parameters. The parameters in the Export parameters field will be included in the result file. Parameters can be removed by choosing them and pressing the arrow to the right. Choosing multiple parameters with Shift and Ctrl is supported. The parameters are removed from the Export parameters field and added to the Removed parameters field. Removed parameters can also be restored by choosing them and pressing the arrow to the left.

Note: In the case of DeviceNet, EtherNet/IP and ControlNet, EDS Export will automatically create two files, one for the ODVA profile and one for the ABB Drives profile. The file name given by the user is taken and strings ABB Drives and ODVA will be appended to the corresponding filenames.

If a message "This software version is not supported!" appears, the drive does not support reading the correct data type information for parameters. This is causing an incorrect data type in the result file.