

EasyOne Connect Data Export to XML and CSV

C. Buess, April 2024

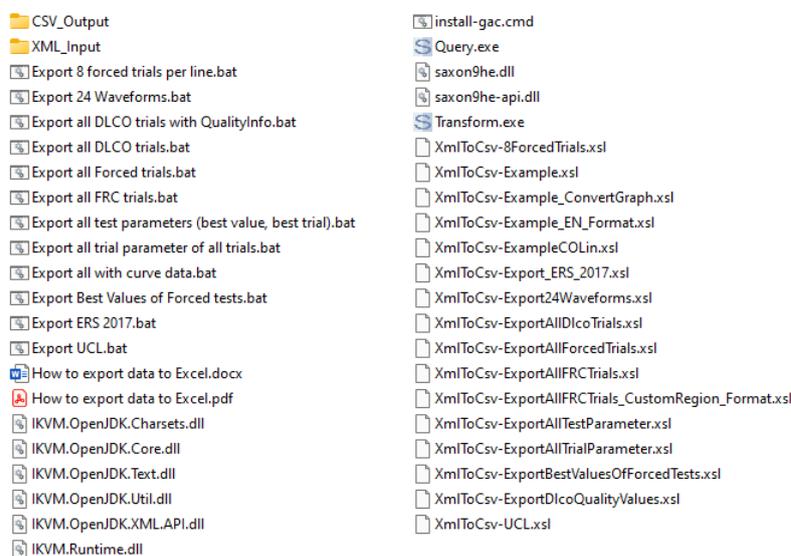
This Application Note explains how to export data from the EasyOne Connect database. It also explains how the export can be transformed into CSV (Comma-Separated Values) files which can then be imported into Excel.

1. Introduction

To perform the export, a small library of files is required. Please go to the following link and download the zip file provided there:

<https://nddmedtech.sharepoint.com/:u:/s/filetransfer/EcVAeLL2meVEr9DoilkcwToBgnjtdTkuTFLcVFeSMcFQjw>

Store the zip file in a folder of your own choice and extract all files. Your folder now contains files such as the ones shown in the following screenshot:



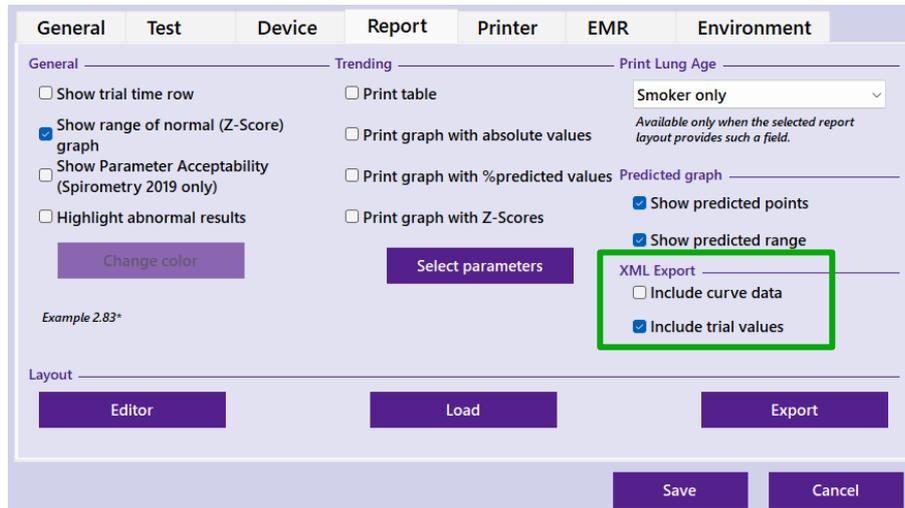
2. Settings

Before performing an export, two important settings should be configured:

1. **Curve data:** If this option is enabled, the flow/time and volume/time data are included. Please note that including the curve data significantly enlarges the exported XML file. Especially for large databases, we recommend not enabling this option unless you need to access the curve data.

2. **Trial values:** If this option is enabled, all trials of a test are exported. If this option is disabled, only the result / best result is exported.

To configure these two settings please go to *Utilities / Configuration* and select *Report*. You can find the two settings under *XML Export*.



3. XML Export on a PC

To perform an XML export on a PC:

- Start EasyOne Connect and go to *Utilities / Export XML*.
- Select the folder on your PC where you would like to store the files; enter a file name and confirm.

4. XML Export on an EasyOne Pro/LAB

To perform an XML export on an EasyOne Pro/LAB:

- Start your EasyOne Pro/LAB.
- Connect a removable flash drive to the EasyOne Pro/LAB.
- Go to *Utilities / Advanced*, enter the password '8005', and click *Login / Export XML*.
- Select the folder where you would like to store the files (e.g., the flash drive that you have connected); enter a file name and confirm.
- Wait until the export has been completed, then disconnect the removable flash drive.
- Connect the removable flash drive to your PC and copy the exported file to the destination folder of your choice.

5. Convert XML to CSV

This section describes how the XML file can be converted to a CSV (Comma-Separated Values) format. This file format can be read by numerous applications, e.g., Excel.

The conversion includes the following steps: The XML file is copied to an input folder, the XML file is transformed, a CSV file is generated in an output folder.



The following steps must be performed. These steps use the directories and the files that were created in section 1 (Introduction):

- Copy the XML file that was created in section 1 (Introduction) into the XML_Input folder.
- Decide which of the batch-files (.bat) is the most appropriate one for your export, e.g., *Export all test parameters (best value, best trial).bat*. The files are named according to the type of export that they perform.
- Double-click the batch file that you have chosen. A command window opens automatically. Once the transformation has been completed, press any key on your keyboard. The command window closes automatically. Please note that the time required for the conversion depends on the size of the XML input file.
- The generated CSV file is now available in the CSV_Output folder.