

# How to Export Data to Excel

T. Kaucic, March 2018

This application note explains how to export and transform test results to Excel.

# **Prerequisites**



Download the portable tool from:

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



Extract the file and store it on, e.g., your desktop.

The files in the folder that you just extracted should look similar to this screen shot:  $\longrightarrow$ 

CSV\_Output XML\_Input Export 8 forced trials per line.bat Export all DLCO trials.bat Export all Forced trials.bat Export all FRC trials.bat Export all test parameters (best value, best trial) with %pred and Z-Score.bat Export all test parameters (best value, best trial).bat Export all trial parameter of all trials.bat Export all with curve data.bat Export Best Values of Forced tests.bat 📜 How to export data to Excel.pdf IKVM.OpenJDK.Charsets.dll IKVM.OpenJDK.Core.dll IKVM.OpenJDK.Text.dll IKVM.OpenJDK.Util.dll | IKVM.OpenJDK.XML.API.dll IKVM.Runtime.dll install-gac.cmd S Query.exe saxon9he.dll saxon9he-api.dll S Transform.exe XmlToCsv-8ForcedTrials.xsl XmlToCsv-Example.xsl XmlToCsv-Example\_ConvertGraph.xsl XmlToCsv-Example\_EN\_Format.xsl XmlToCsv-ExportAllDlcoTrials.xsl XmlToCsv-ExportAllForcedTrials.xsl XmlToCsv-ExportAllFRCTrials.xsl XmlToCsv-ExportAllTestParameterwithPercentPred-ZScore.xsl XmIToCsv-ExportAllTrialParameter.xsl

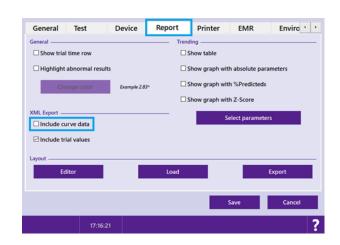
XmlToCsv-ExportBestValuesOfForcedTests.xsl



# 2. Settings

You may want to disable a specific setting before you start the XML export of your database. We recommend disabling it for users with large databases – more than 1,000 patients. Enabling the setting can lead to an enormously large export that may take hours to complete.

Go to *Utilities* > Configuration > tab *Report* and remove the checkmark from *Include* curve data

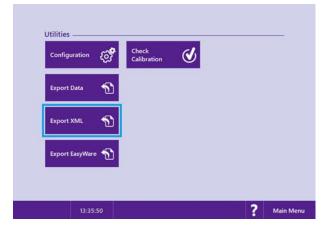


# 3. Export Procedure for EasyOne Connect

Start EasyOne Connect



Go to Utilities > Export XML



# **Application Note**



Go to the previously extracted folder > select the folder XML\_Input and enter a name for the XML file that will be extracted from EasyOne Connect.

e.g. path:

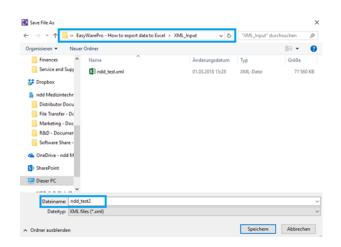
C:\Users\psmith\Desktop\EasyWarePro - How to export data to Excel\XML\_Input

e.g. file name: ndd\_test2

We recommend always including a date in the file name so you can track the files simply by the date:

e.g.: 20180308\_AppNote\_ExportXML

Press Save and wait until the export has been completed.





# 4. Export Procedure for EasyOne Pro/LAB

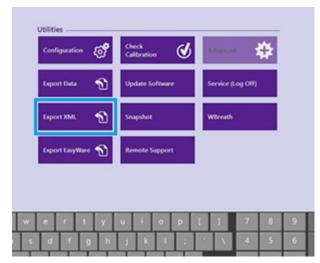
Start EasyOne Pro/LAB

Connect a removable flash drive to the EasyOne Pro/LAB

Go to *Utilities > Advanced >* pw 8005 > Export XML







#### **Application Note**



Go to the previously connected removable flash drive:

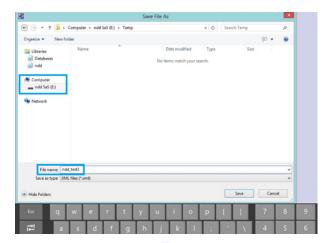
e.g. file name: ndd\_test2

We recommend always including a date in the file name so that you can track the files simply by the date:

e.g.: 20180308\_AppNote\_ExportXML

Press Save and wait until the export has been completed.

Disconnect the removable flash drive and connect it to your computer.





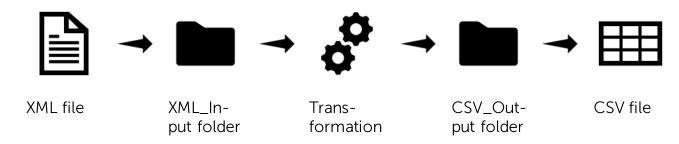


Cut and paste: Cut the XML file from your removable flash drive, go to the folder *Easy-WarePro - How to export data to Excel*, and paste the file into the *XML\_Input* folder.

#### 5. Transform XML to CSV

This step uses XSLT transformation. This is a commonly used procedure to define how XML data is represented.

The XML file that is located in the XML\_Input folder is transformed into a CSV file. The output is saved in the CSV\_Output folder.



#### **Application Note**



Run the batch file, e.g., by double-clicking on Export all test parameters (best value, best trial) with %pred and Z-Score.bat.

XML\_Input

Export 8 forced trials per line.bat

Export all DLCO trials.bat

Export all Forced trials.bat

Export all FRC trials.bat

Export all test parameters (best value, best trial) with %pred and Z-Score.bat

Export all test parameters (best value, best trial).bat

Export all trial parameter of all trials.bat

Export all with curve data.bat

CSV\_Output

A command line window from Windows appears which informs you that the conversion has started and indicates which file is being converted.

C:\Users\tkaucic\Desktop\EasyWarePro - How to export data to Excel>ECHO OFF
- convertion started converting ndd\_test4.xml to ndd\_test4.csv

The conversion can take a while depending on the size of the XML file.

Press any key as soon as the conversion has been completed.

```
C:\Users\tkaucic\Desktop\EasyWarePro - How to export data to Excel>ECHO OFF
- convertion started -
converting ndd_test4.xml to ndd_test4.csv
- converting ndd_test4.xml to ndd_test4.csv
- converting finished
- Drücken Sie eine beliebige Taste . . . .
```

The command line window disappears, and you can now access the new, transformed CSV file in the CSV\_Output folder.