

2L FIELD DEVELOPER v 7.1

CONVERSION OF DATA SETS TO AND FROM CSV

There are a number of possible ways to convert data from your Excel sheet to a data set for use with **2L Field**, and back to Excel.

1. Integrated conversion in Excel

You could do it completely by yourself in Excel. In this case you have to create your own macro's or VB-scripts in excel for export and import directly to the #-separated data set format used by **2L Field**. Alternatively you can use the VB-programs `exporttodat.bas` and `importinxls.bas`, supplied with the professional version of **2L Field Developer**.

2. Integrated conversion in 2L Connect

The communication program **2L Connect** has the possibility to create and use script-files. One of the script-commands is the command `CONVERT`. This command can use one of the default conversion programs `CSVTO DAT` or `DATTO CSV` to convert between 2L DAT-files and Excel CSV-files. The conversion programs are part of the **2L Connect** program.

3. External conversion tools

You can also use one of the conversion tools `LXCNV.EXE` or `LXCPYCNV.EXE`

Both of these programs convert both ways between CSV files and DAT files.

The CSV files can be used with standard import and export functions in excel.

The DAT files can be used by **2L Field**.

These external conversion tools are part of the professional version of **2L Field Developer**.

3.1 File by file conversion using `LXCNV.EXE`.

This program will let you select individual CSV files to be converted to DAT files or the other way around.

The program is user friendly, and very useful for incidental conversion of individual data sets.

`LXCNV.EXE` can use either CSV files, DAT files or CVI script files.

Examples of this kind of scriptfiles are available on request.

With data collection based on projects using more than one data set, the other conversion tool (`LXCPYCNV.EXE`) is more useful.

3.2 Automatic conversion using `LXCPYCNV.EXE` with scripts

This program uses LCC script files to automatically convert some or all files in the project.

The script specifies for each individual file or each set of files, how the conversion must be carried out, and where the resulting files must be copied to.

The converted files can then be transferred to the appropriate project on the handheld (resulting DAT files and LST files) or imported into excel (resulting CSV files).

The specification and some examples are available on request.