

Boiler Data Migration

Turn a folder of boiler safety inspection reports into one Excel workbook. Four clicks, no coding.

BoilerDataMigration.exe • Windows desktop app • no installation required

What this does

The app reads every boiler safety inspection report (`.docx`) in a folder you choose. For each report it pulls out the boiler details, the certified operator list, and the inspection summary, then writes everything into Excel files — nothing has to be typed in by hand.

Before you start

- **BoilerDataMigration.exe**, saved anywhere on your computer.
- A folder containing your inspection report files, sitting loose (not in subfolders).
- Microsoft Excel, to review one file partway through — no other software needed.

Walkthrough

01 Open the app

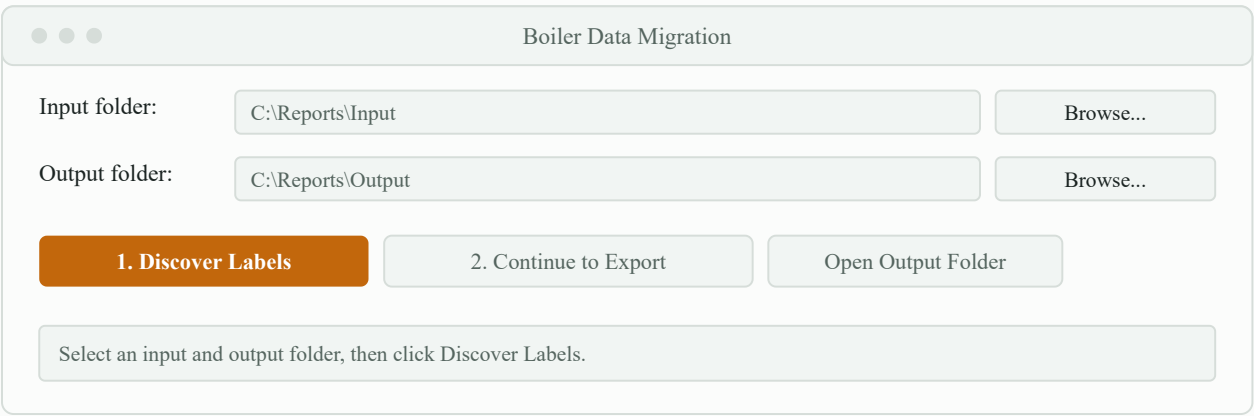
Double-click `BoilerDataMigration.exe`. The **Boiler Data Migration** window opens, ready for your two folders.

02 Choose your Input folder

Click **Browse...** next to *Input folder* and select the folder holding your reports.

03 Choose your Output folder

Click **Browse...** next to *Output folder* and pick where the results should be saved. It can be a new, empty folder.

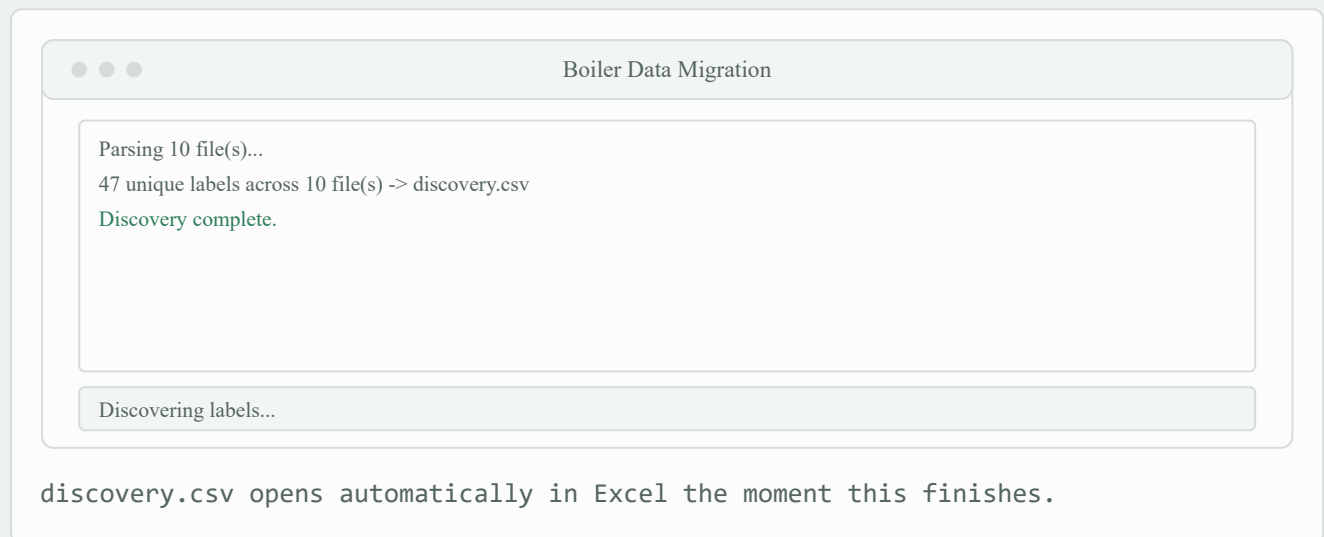


The screenshot shows a window titled "Boiler Data Migration". It contains two rows of input fields and buttons. The first row is for the "Input folder" with the text "C:\Reports\Input" and a "Browse..." button. The second row is for the "Output folder" with the text "C:\Reports\Output" and a "Browse..." button. Below these are three buttons: "1. Discover Labels" (highlighted in orange), "2. Continue to Export", and "Open Output Folder". At the bottom, a light gray box contains the instruction: "Select an input and output folder, then click Discover Labels."

Both folders chosen – only "1. Discover Labels" is active.

04 Click “1. Discover Labels”

The app scans every report and lists every field name (“label”) it finds, plus how many files use each one. Progress prints live while it runs — this takes a few seconds per report.



05 Review discovery.csv

Some reports word the same field slightly differently. In the `canonical` column, type the one name you want a label collapsed to. Leave it blank for anything that's already fine.

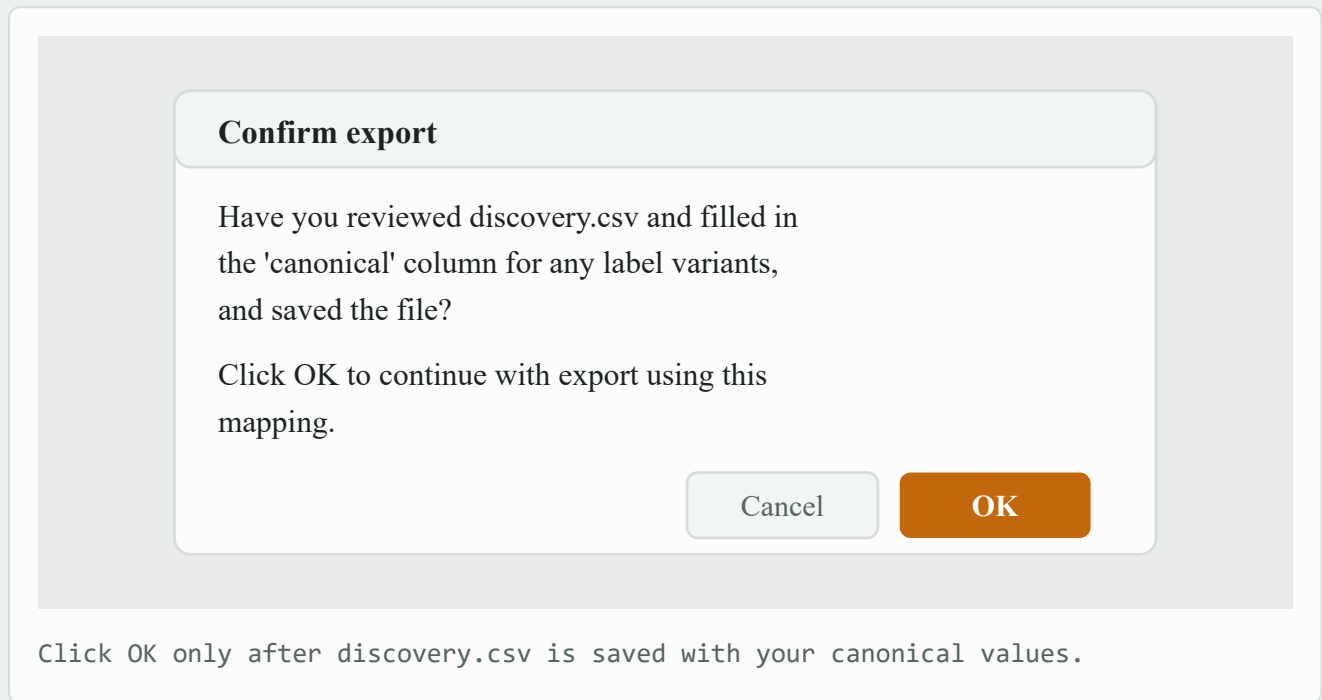
Example — three reports name the boiler registration number three different ways:

SHEET	LABEL	CANONICAL
Boilers	Boiler Reg. no.	Boiler Registration Number
Boilers	Boiler No.	Boiler Registration Number
Boilers	Boiler no.	Boiler Registration Number

Save the file when you're done — keep it open in Excel or close it, either is fine.

06 Click “2. Continue to Export”

Back in the app window, click **2. Continue to Export**. A confirmation box checks you actually saved your changes before it uses the file.



07 Wait for it to finish

Export runs the same way as discovery, with live progress in the window. A message confirms when both output files are ready.

08 Open your results

Click **Open Output Folder**, or browse to the folder you chose in Step 3. Two Excel files are waiting there.

What you get

Two files, because they serve different purposes.

FILE	SHEETS	UPDATES WHEN YOU RUN EXPORT AGAIN
<code>boiler_data.xlsx</code>	Boilers, Operators, Errors	Rebuilt from scratch every time — reflects only what's <i>currently</i> in your input folder.
<code>master_boiler_data.xlsx</code>	Boilers, Operators, Executive Summary, Boilers + Executive Summary, Errors	Grows every time — keeps every report you've ever exported, on top of whatever was already there.

Good to know

▲ Export fails with a file error

Excel is probably holding `boiler_data.xlsx` or `master_boiler_data.xlsx` open. Close it in Excel, then click 2. Continue to Export again.

▲ “No files found” warning

Reports need to sit directly inside the input folder, not in a subfolder, and be `.docx` files.

▲ `master_boiler_data.xlsx` keeps growing

That's by design — each export adds to it rather than replacing it, so you don't need to keep old reports sitting in the input folder. To start it over, close it and delete the file before your next export.

▲ I exported the same reports twice

Their rows will appear twice in `master_boiler_data.xlsx` — it only adds, it doesn't check for repeats. Avoid re-running export on files already included, or delete the master file and rebuild it if this happens.