Project status
Completed.

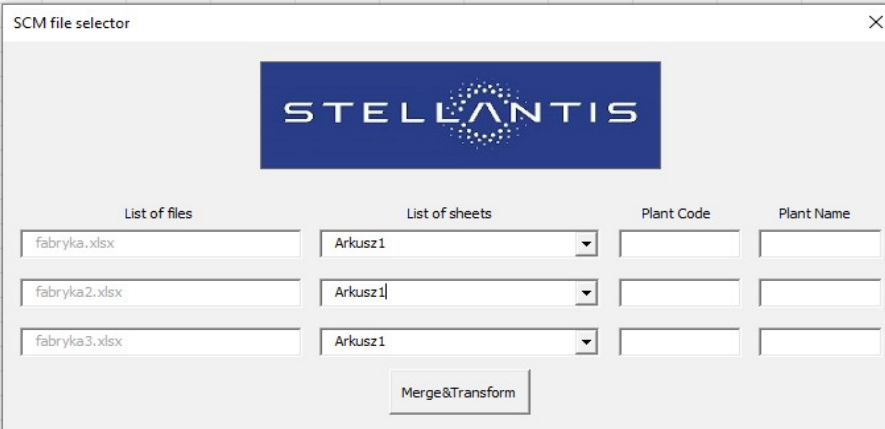## Technology used
VBA

General info
SCM_Compiler is my internship project, which was carried out as part of the supply chain automation program. It was presented to Opel Gliwice management. It has been approved and implemented successfully.

Main goal of a project
The main goal of the project was to standardize certain data, crucial for risk management departments, within the entire organization. Due to the diversified structure of layout exports from internal systems, there was a need to adapt the export to the selected common standard.

The common data standard was to enable crisis management departments to simulate the stock levels, for each day in the future, for the relevant time range, recognized by the macro in the source file. Inventories below 0 are colored red, calculating dynamically to the user first runout of an article on warehouse and putting it in separate column.

The project introduced improvements in the form of time optimization and reduction of labor costs. Users were not forced to manually copy data from internal system to common Excel standard. The only thing they had to do was indicate the source files from which the data was to be verified as valid or not and, on this basis, import the necessary data.

The user could add up to 8 files, each should be one of the 3 types. In the form, the user could specify in the selectbox the sheet, from which the data would be downloaded for a given file, and also complete the factory code and its name. Macro has built in progress bar, calculating how many time left to complete a process.