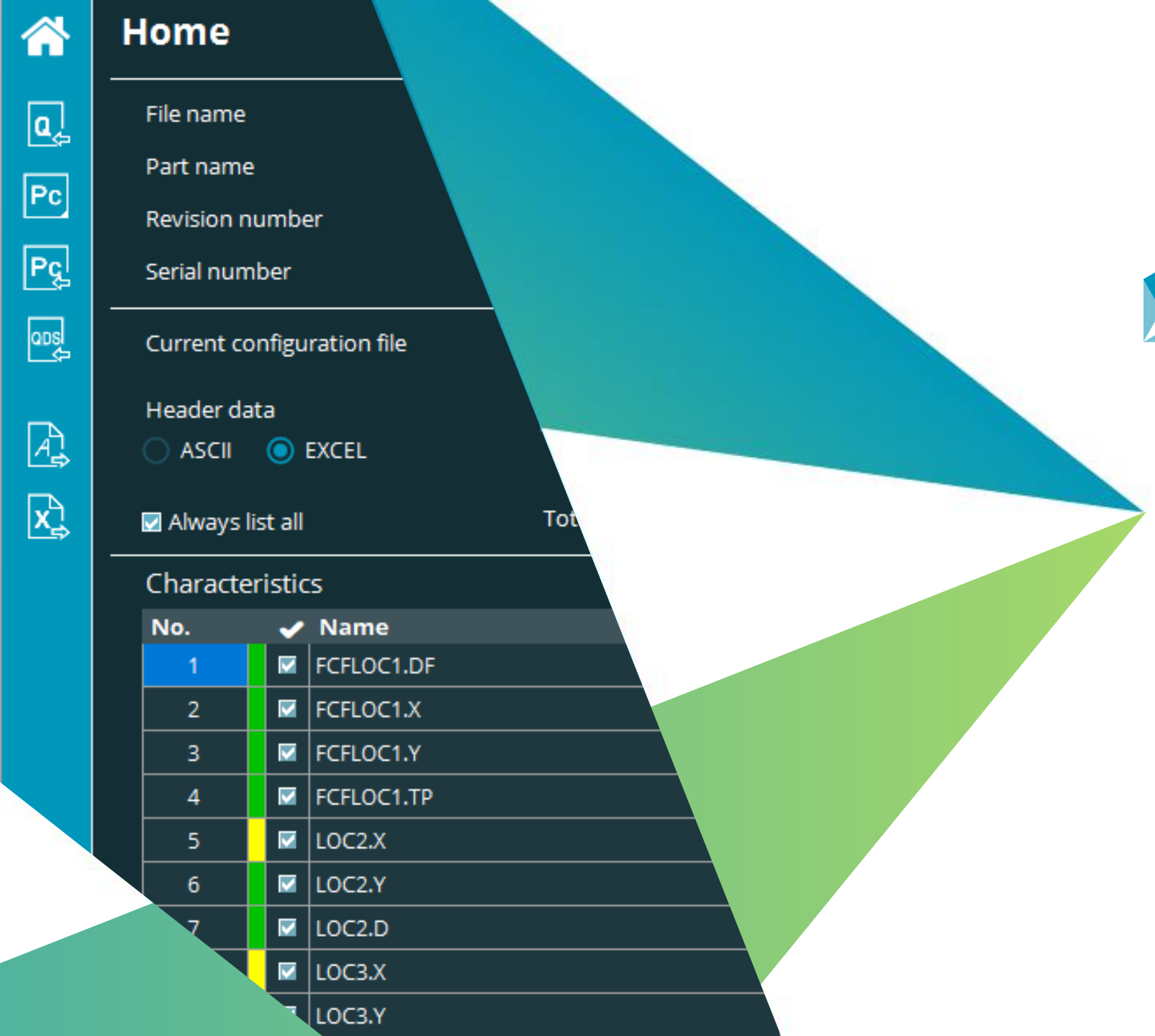

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HxGN Universal Converter

Product presentation

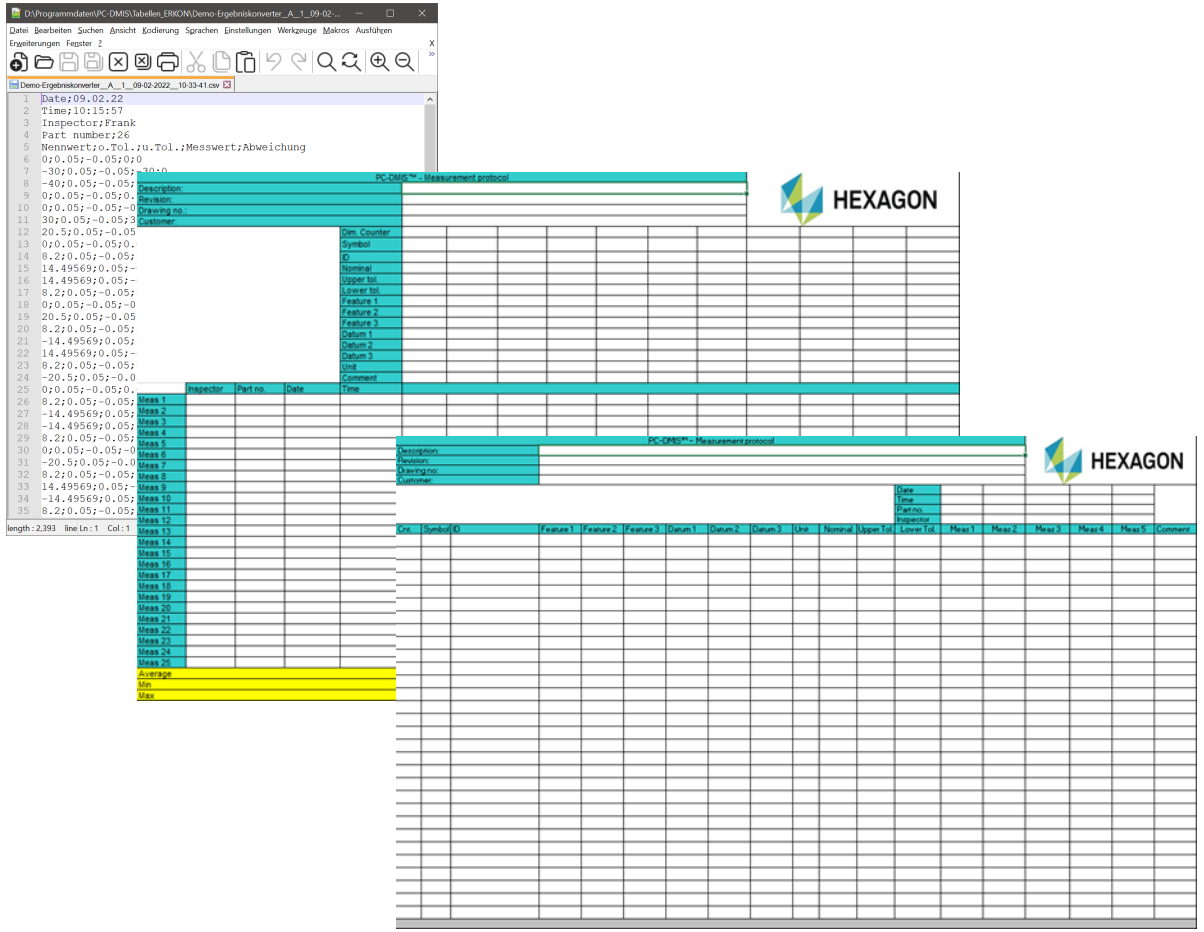
2025-01-13 Customer Solutions Wetzlar

Introduction

The HxGN Universal Converter provides a flexible output interface for features and additional data from PC-DMIS or a Q-DAS ASCII file. The data can be output directly in a predefined Microsoft Excel 32bit and 64bit table as well as in ASCII files.

Are you familiar with the situation where a wide variety of table or file formats are required with the measurement results?

The HxGN Universal Converter was developed for this purpose. Be amazed by the flexibility of the software.



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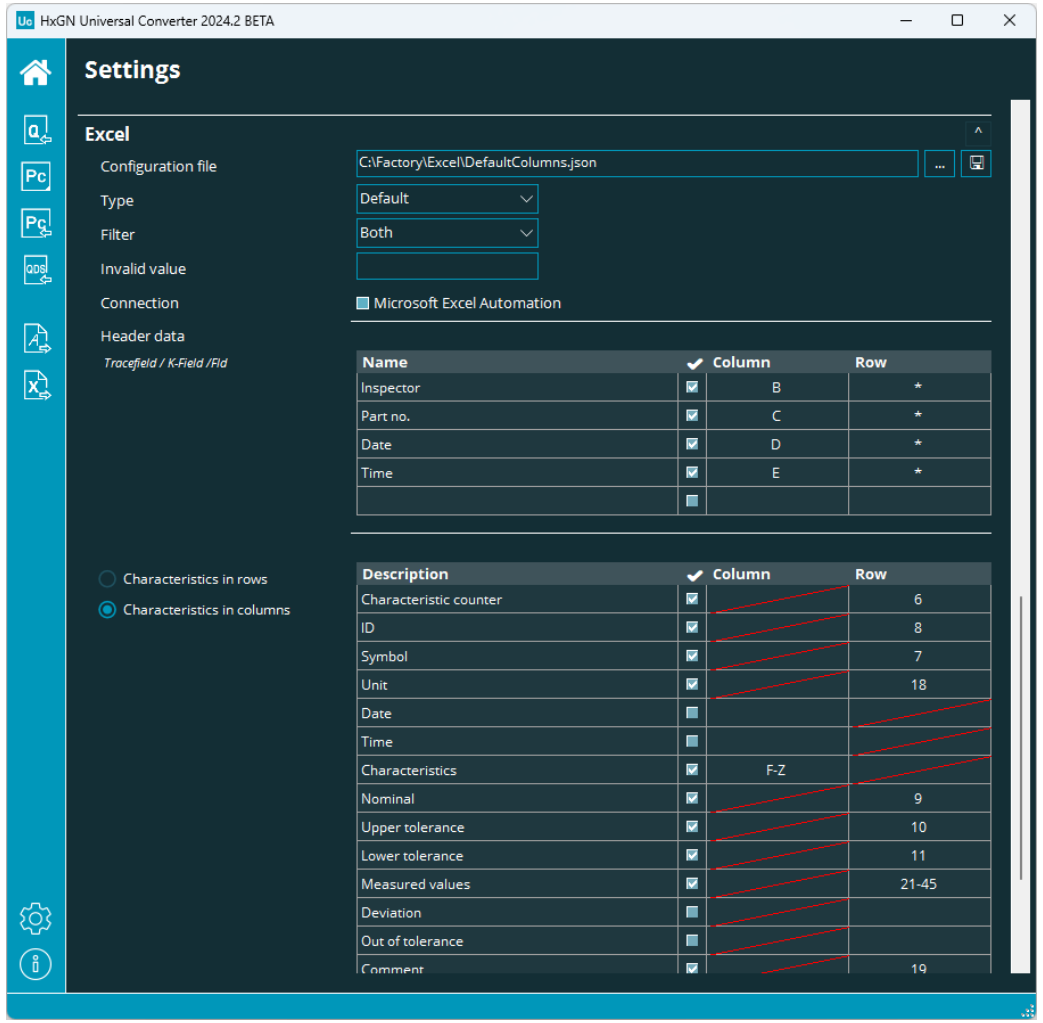
Configuration of the Excel tables



- The different table templates can be configured in the report configuration.
- Desired header or additional data can also be defined here.
- An unlimited number of configurations can be created, saved and loaded and used at the desired time.

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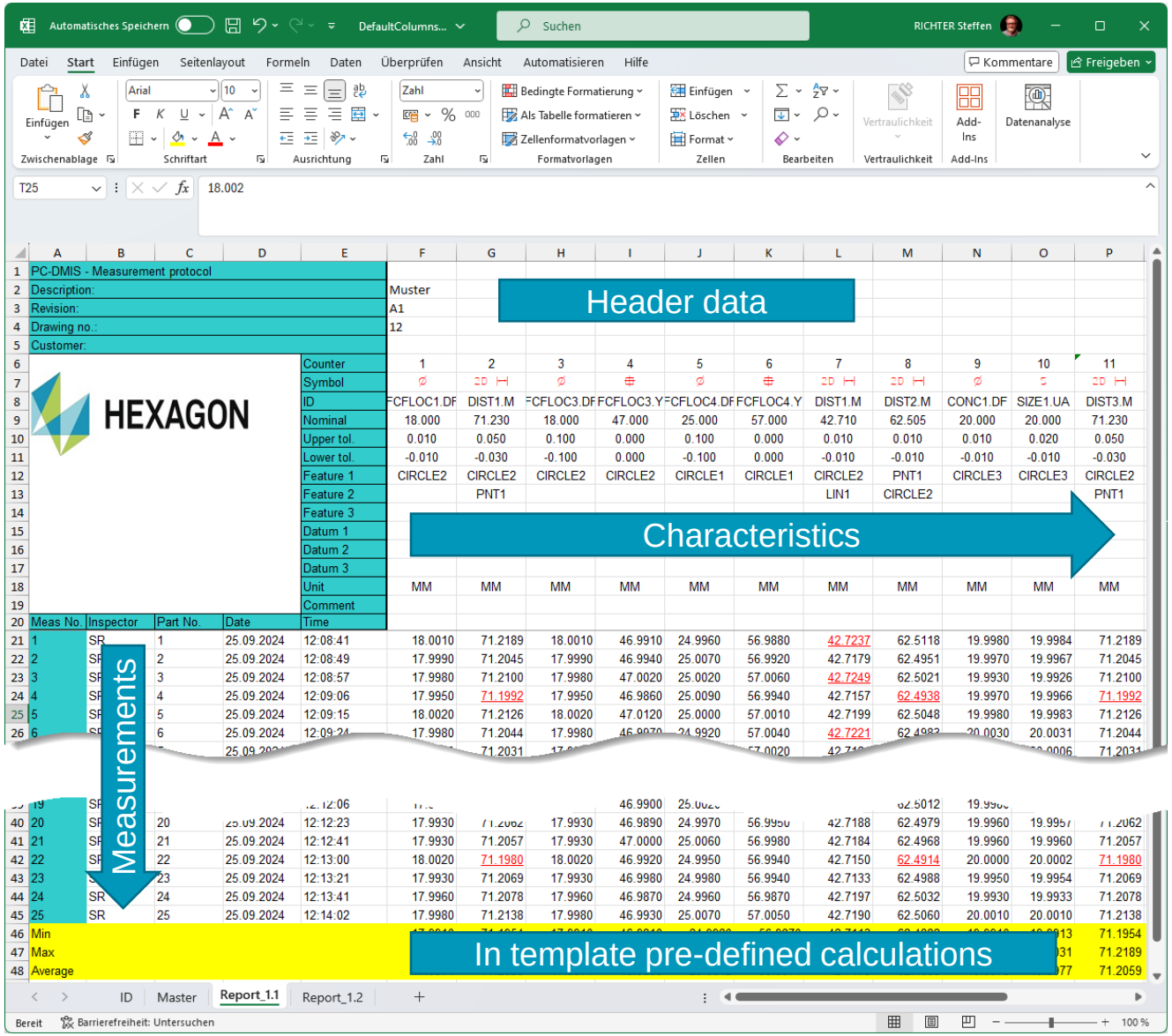
Example of an Excel spreadsheet



- A sample report in Microsoft Excel is shown in the image on the left. This report is limited to a size that can still be printed on an A4 format.
- If this area is not sufficient to display all characteristics, several tabs are automatically created on this page.
- Both the page and the report are incremented. Thus, the report can be considered unlimited.
- Each page is based on the template provided by the customer (“Master” tab).
- The "ID" tab is created automatically and is used to identify changes in the measurement routine.

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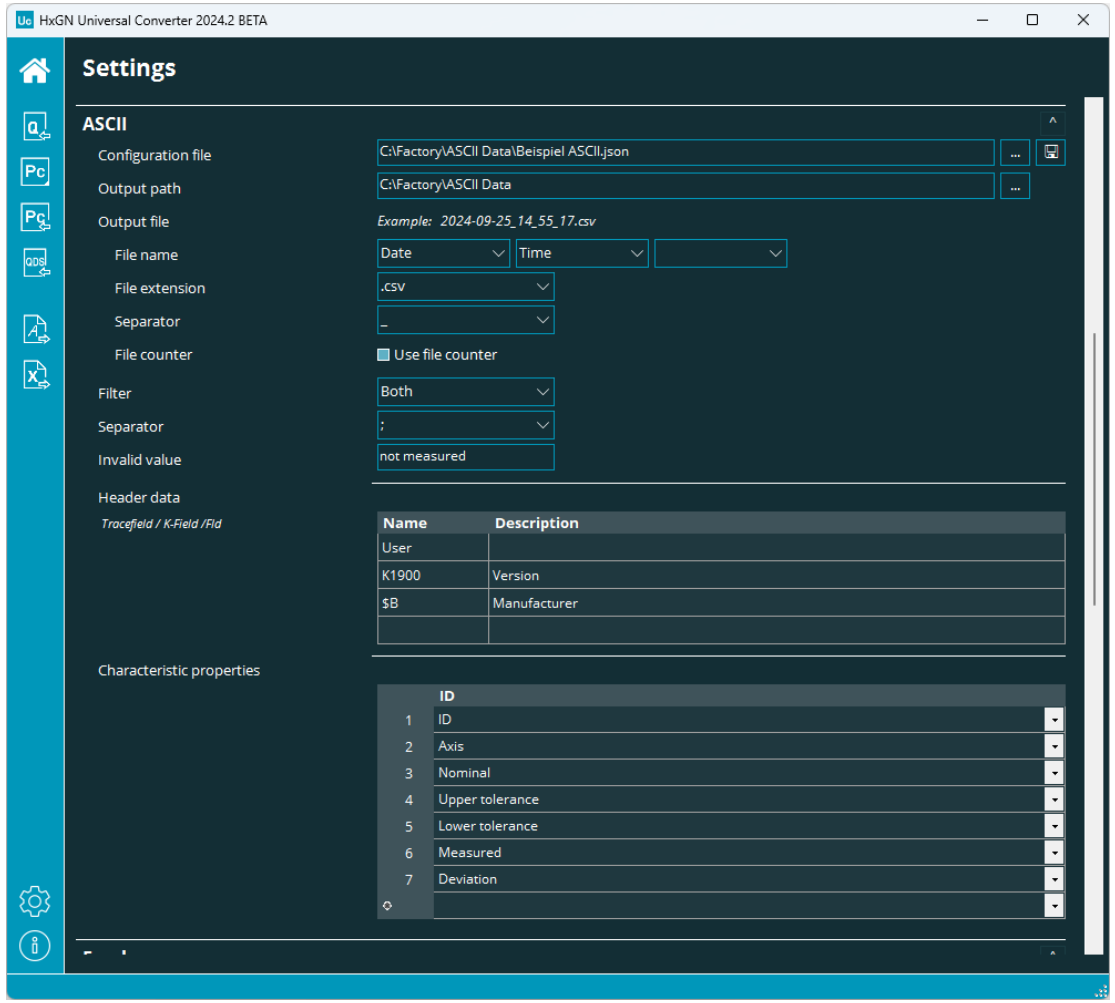
Configuration of the ASCII output



- In the ASCII setup it is determined which characteristic data is output per characteristic, in which order and with which separator.
- The ASCII file can be output in .csv or .txt format.

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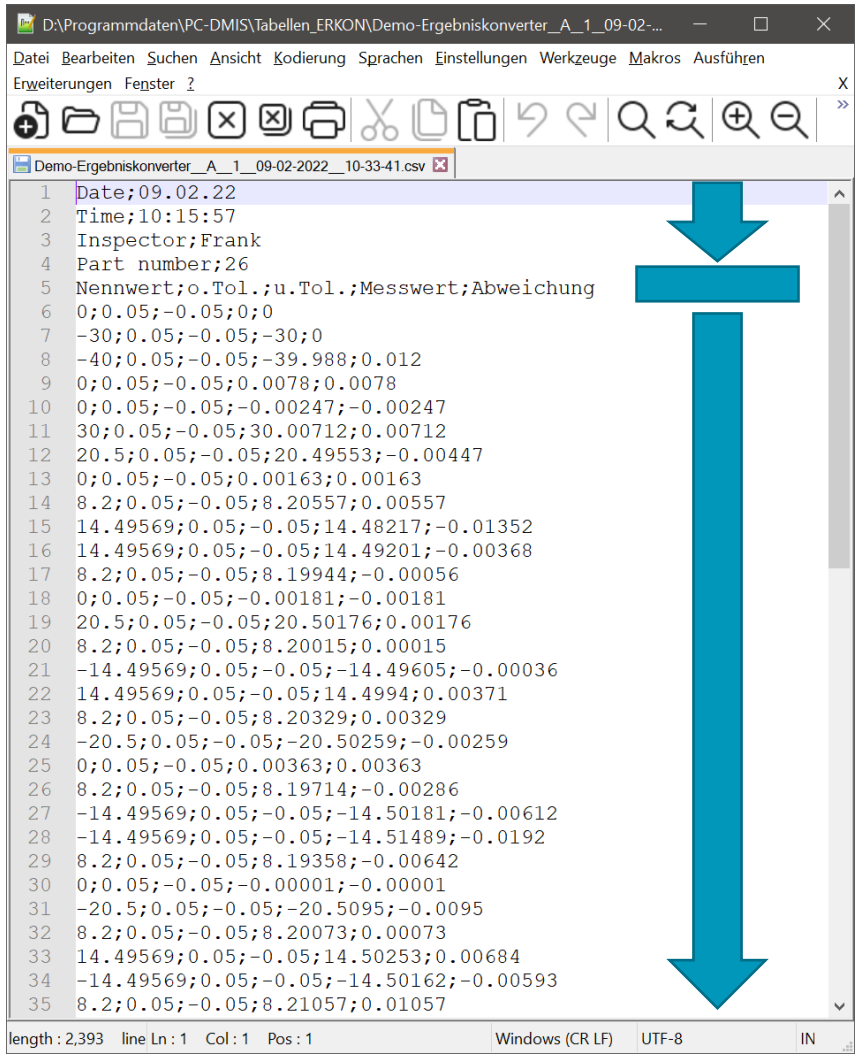
Example of an ASCII file



The output file is divided into 3 areas:

- Header data (fully configurable)
- Heading of the measured values (results from the configuration)
- Characteristic data (one line per characteristic)

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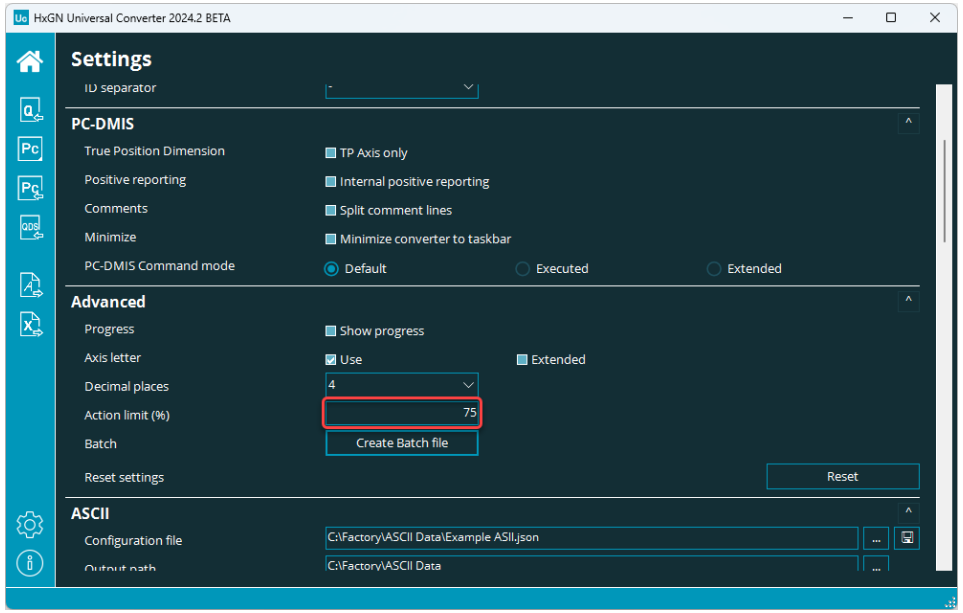
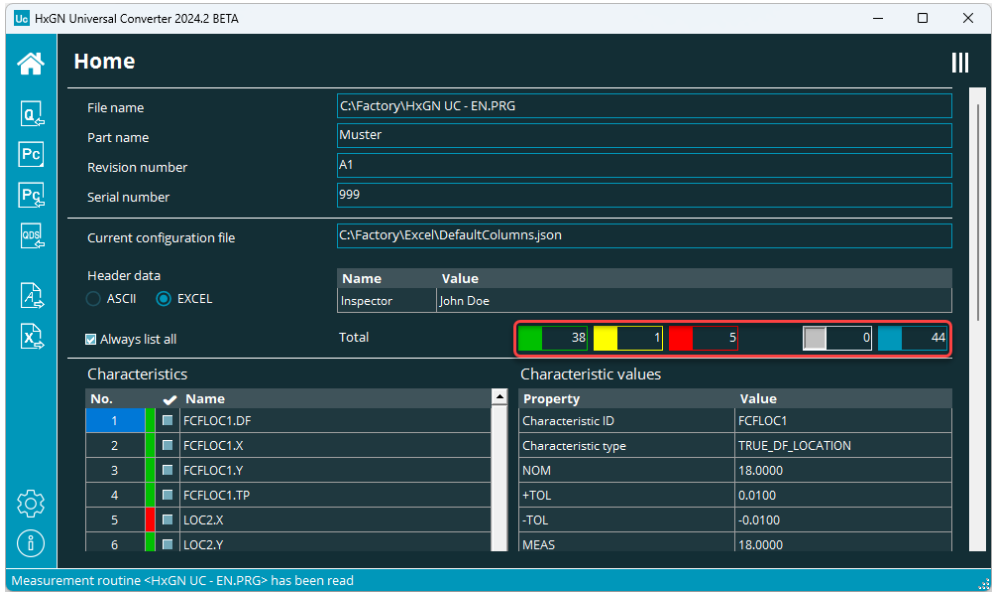
Control limits

- A control limit can be defined in % of the tolerance.
- The features are differentiated by color (within tolerance, within tolerance but violation of the action limit, outside of tolerance).
- A traffic light warns the operator if intervention or tolerance limits have been violated.





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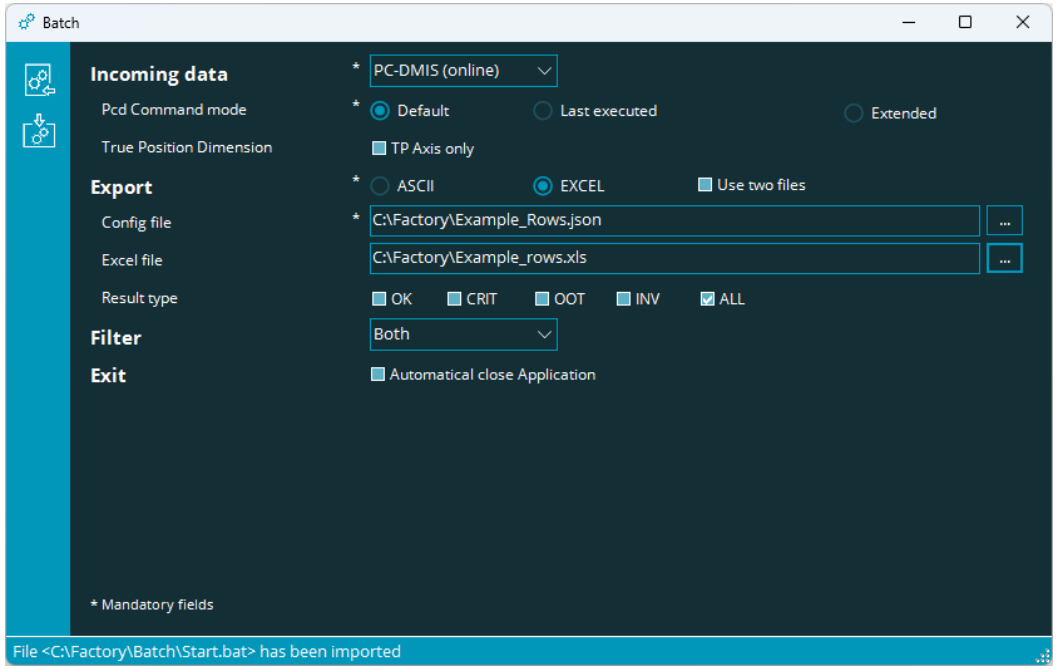
Integration into the measurement routine



- The HxGN Universal Converter can be started directly from a measurement routine.
- For this purpose, a batch file can be generated via a dialog, which is then integrated into the measurement routine using an external command.
- The Excel file and the associated configuration are selected via the content of the batch file.
- This means that no operator intervention is required when using the measurement routine and there is nothing to prevent the use of the HxGN Universal Converter in an automated process.

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Have we piqued your interest?

Simply download the software from our server and apply for a non-binding demo license.

https://downloads.ms.hexagonmi.com/PC-DMIS_Solution_Modules/HxGN_Universal_Converter

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