

S4I 3G V2014: Three upgrades to better answer to your needs



You need to provide a specific layout for your datasheets.

You need to see all characteristics values on one page for each instrument.

Use the new datasheets documents inside S4I 3G!

Linking the documents to an Excel template file, S4I 3G allows users to create a document which displays the characteristics values of an instrument on one page.

The steps are the following:

- during the S4I 3G installation, provide an "Excel" path to indicate the location of the Excel template files;
- design the layout of the page in the first sheet of an Excel file;
- list all the characteristic values in the second sheet of the Excel file;
- link the cells in the first sheet with the characteristic values in the second sheet through a simple Excel formula;
- put the Excel template file in the "Excel" path;
- create in S4I 3G a list of characteristic which is identical to the second sheet of the Excel file in terms of number and order (except for the instrument tag and the revision which are provided by default by S4I 3G);
- build a datasheet document and choose the adequate Excel template and characteristic fields list;
- revise the document.

Differences between two revisions are indicated in red even in the Excel like datasheet.

It is possible to transform an existing datasheet document into an Excel like one just by providing the Excel template name to use and revising it.

An Excel template model will be provided in the S4I 3G delivery.



You need to find an information in your document and be redirected on the proper page?

Check the OCR option in your document and revise it!



Use the DXF loops diagrams inside S4I 3G!

Using DXF files generated with Autocad or Microstation and filled in with generic tags, S4I 3G allows you to create a mapping to link each generic tag to S4I 3G information.

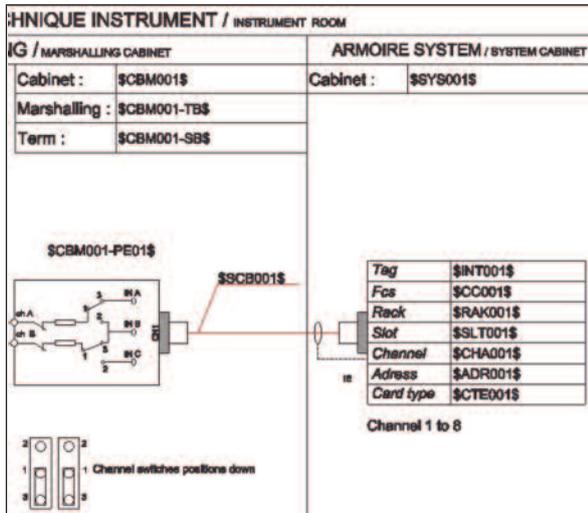
The software is afterwards able to open the DXF files and replace the generic tags with the S4I 3G values for each linked loop diagram.



You need to provide a specific layout for your loop diagrams.

For some of your loops diagrams, native S4I 3G provides too much information and not enough for others.

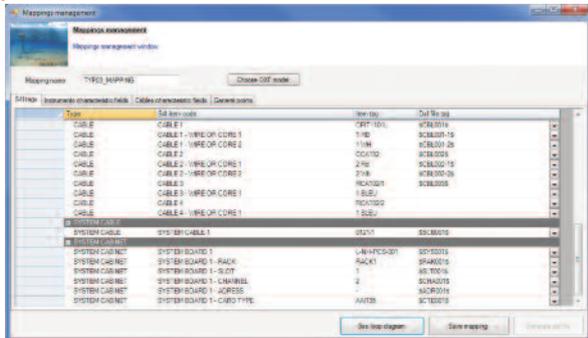
You need to provide different system board indications on your loop diagrams.



To ensure the coherence of the database, the information transmitted to the DXF templates is extracted from the S4I 3G loop diagrams. Any information which don't already exist in the S4I 3G loop diagrams won't be provided to the DXF files.

The steps are the following:

- during the S4I 3G installation, provide an "in" path to indicate the location of DXF template files and an "out" path to indicate the location of the S4I 3G generated DXF files;
- design the DXF template files using the proper generic tags (with Microstation or Autocad for example);
- put the DXF template files in the "in" path;
- build a first mapping between a loop diagram and a DXF template file and save it;
- generate the first S4I 3G DXF file for this mapping;
- use the created mapping to generate "en masse" full DXF files for similar loop diagrams.



Up-to-date DXF files are available inside S4I 3G through various screens (loop diagram management, DXF mass management, process or instruments trees in the Quick access module).

The S4I 3G generated DXF files are available in the loop diagram documents composition.

The S4I 3G DXF mappings can be imported from a S4I 3G project to another. To use them, don't forget to get also the DXF template files!

