Avoid subsequent costs thanks to easy and accurate analysis of your CAD models

We help you perform a full check on all the critical areas of a CAD model, thus avoiding expensive corrections in downstream processes. Compliance with the specified wall thicknesses is thus guaranteed and documented in the early stages of product development. Surface-based test processes are independent of the selected test grid and guarantee high-quality measurements.

**Easy operation**
- Fast familiarization without any special knowledge
- Integrated configuration wizard (for newcomers)
- due to release 7.1.2, even easier configuration and installation
- Easy-to-understand graphics
- Automatic generation of a test report

**Capabilities**
- Visualization of the results using a color-coded display of the wall thicknesses in the 3D model (including minimum/maximum value within the defined range, number of measurement points)
- Display of wall thicknesses that fall short of/exceed the specified thicknesses and compliance with a wall thickness range
- Suitable for solid and surface models, as well as imported geometries
- Critical geometries for tapped holes are taken into account (in native Creo models)
- Distance between parts (distance check) and between components and/or assemblies (clearance check)
- Classification of the results (error, warning, etc.)
- Processing of multiple models in batch mode
- Models can also be made temporarily transparent

To aid documentation, you assign every result a category, like error, warning, etc., or comments using an integrated classification facility. You can view the results directly without having to perform a new test run. At the press of a button, you can document the results as PDF report including graphics, specification of the minimum and/or maximum wall thicknesses and comments.

**Benefits**
- SF WALLCHECK is based on the VDA guideline 4955 and meets all the automotive industry's product data quality requirements (SASIG, VDA).
- due to implementation of C++ even faster in use
- Avoids expensive changes or corrections in downstream processes
- now also suitable for Creo 5.0

**Summary**
- Immediate impact on productivity thanks to fast familiarization, even for newcomers.
- SF WALLCHECK avoids incorrect wall thicknesses and thus delays to a project.
- All the results are available at all times at the press of a button.