AVIX – The industrial office – 4.0

DFX

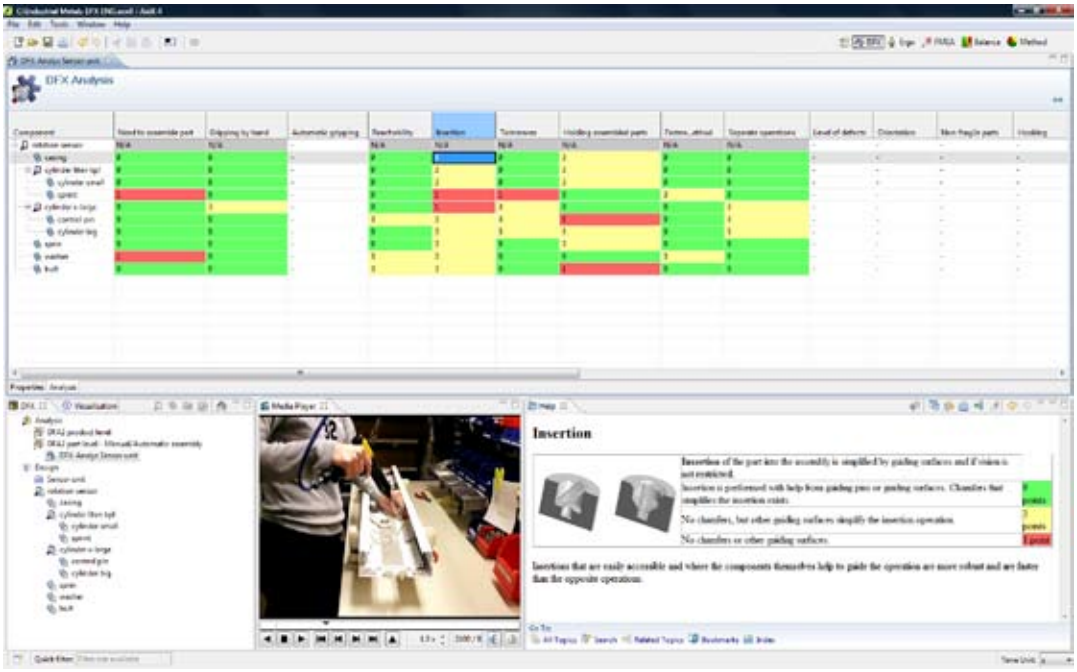
Effective product development and greater manufacturability with AviX® DFX

A visual analysis support where improvement opportunities are already captured in the design phase.

AviX® DFX makes the product development more efficient and minimizes the number of prototypes. Manufacturability analysis of alternative design proposals helps identify the optimal design. Existing products can be improved with AviX® DFX by examining the structures in order to identify and eliminate problems. DFX is a collective name for methods of evaluation which aim to improve the design from different aspects. It includes for example DFA (Design For Assembly) and DFM (Design For Manufacturing).

In AviX DFX it is easy to build up the product structure which provides an integrated approach for products and modules as well as the analysis. Of course it is possible to import parts or products from external sources, such as MS Excel.

A DFX analysis is based on an appropriate template, for example DFA2 in detail level. During the analysis you are questioned about different design aspects for the modules and objects you have chosen to analyze. Supporting documentation for the DFX methodology as well as your own drawings, images and/or movies are conveniently available in AviX® DFX.

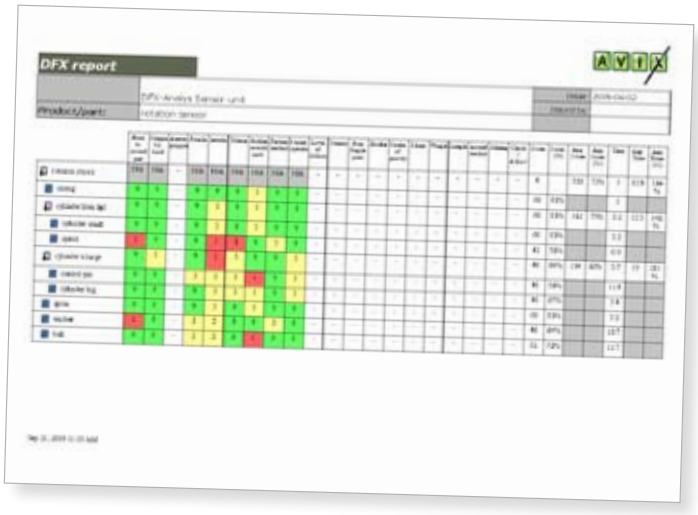


When conducting the analysis design-related improvement suggestions and comments are created. AviX® DFX presents analysis results transparently and reports for further follow-up work can be generated in an instant.

The software is easy to work with and has a guidance interface. AviX® DFX contains a rich selection of templates for various standard methods. Furthermore, it is possible to supplement the system by creating your own templates with custom issues as needed.

Virtual product development is facilitated as images, drawings and other forms of documentation can easily be connected to the analysis.

The work with AviX® DFX is preferably performed in cross-functional groups, involving the design and production personnel. Discussions that occur during the analysis time are valuable to all parties, and communication is facilitated by an extensive use of DFX methodologies within the organization.



PROLOGIA