Andreas Hein

CentraleSupélec

Researcher /
Systems Engineering

Tel.01.39.02.70.29
www.k-inside.com
contact@k-inside.com

I am working in the field of systems engineering and model-based systems engineering (MBSE) for almost 10 years in various places such as the European Space Agency, Technical University of Munich, Massachusetts Institute of Technology, CentraleSupelec, Renault, and INCOSE.

The systems on which I have worked on range from spacecraft, large telescopes, industrial parks, and autonomous cars.

I currently use arKItect Designer in a project with Renault with the objective to develop a methodology for architecting product service systems (PSS).
The capability of arKItect Designer to easily and quickly creating a meta-model graphically is impressive. You can see the effect on the arKItect tool immediately. It allows me to create a meta-model and see its effects on the tool in real-time.
This capability allows me to adapt the meta-model even during meetings and workshops, where we work on the PSS architecture itself.

From my personal experience, the turn-around time for creating a meta-model and using it in the tool is orders of magnitude shorter than in comparable tools.