

## Art2kitekt (a2k) Tool Suite

### DESCRIPTION OF THE TECHNOLOGY

A tool for modelling, analysis, simulation, development and monitoring of embedded systems with real time constraints in the context of mixed-criticality systems. Assistance to engineer in every stage of the development of a cyber-physical system.

Multiple analysis services over based-model systems and automatic code generation from them.

### MARKET APPLICATION SECTORS

- ) Aerospace
- ) Automotive
- ) Healthcare
- ) Consumer electronics and Household appliances

### TECHNICAL ADVANTAGES AND BUSINESS BENEFITS

The technology offers the following advantages and benefits:

- ) Web-based Interface. No software installation needed
- ) Analysis and modelling process guided by the tool
- ) Friendly, customizable and scalable.
- ) Automatic code generation.
- ) Report generation.

### CURRENT STATE OF DEVELOPMENT

TRL4: the tool was tested in laboratory environments.

### INTELLECTUAL PROPERTY RIGHTS

The tool is protected as intellectual property under copyright.

### COLABORATION SOUGHT

Companies interested in the following systems of cooperation:

- ) Agreement about patent license to implementation and to use of technology.
- ) Agreement about Research & Development for implementing and modifying the product depending on the application.

### RELATED IMAGES

## Art2kitekt (a2k) Tool Suite



Image 1: art2kitekt Tool Suite



Image 2: View of a Project during its design phase in ak2

## CONTACT

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