

# Technical Expertise

Development based on knowledge

## Background

Through long lasting experience gained by our employees and our finely tuned internal training system, INVENSITY possesses the capability to support in fields concerning technical implementation. Technical Expertise describes the knowledge on the topics Tools, Software-, Hardware- and function development.

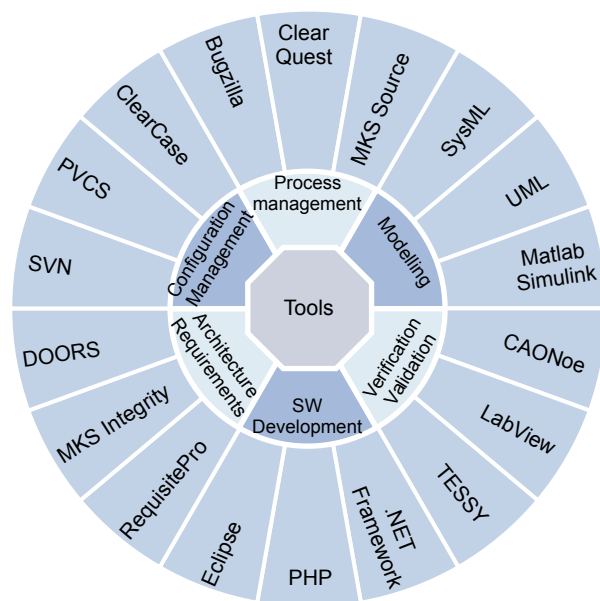
Using our knowledge management we try to evolve our expertise in order to use it effectively and efficiently for our customers. The following is a service overview.

### Function Development, e.g.:

- Concept- and function development
- Model based systems engineering (MBSE)
- Modeling and simulation using MATLAB/SIMULINK/Stateflow

### SW- & HW-Development, e.g.:

- Supporting architecture and design
- Embedded software
- Application software
- Business application
- Control engineering
- Circuit diagram development
- CPLD, FPGA programming
- Working based on CMMI, SPICE, V-model XT, IEC 61508, IEC 26262,...



## System Engineering knowledge

Through an organised knowledge management it is possible to spread the knowledge to all INVENSITY employees. Furthermore we offer lessons in approaching challenges and tool usage based on long lasting experience.

### Contact

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