PROJECT 5
MODEL-BASED ENGINEERING FOR HIGHLY CONFIGURABLE SYSTEMS

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OBJECTIVES

- Evaluating model-based requirements and repository engineering approaches for managing, specifying and analyzing large-scale and highly-configurable systems,

- Devise model-based solutions for longstanding development and maintenance of the automated Cancer registry system,

- Develop an infrastructure relying on existing national resources on verifying and validating highly configurable systems.

TASKS

- Task 5.1: Model-based requirements engineering
  - Integrate requirements assignments with requirements specification using Zen-RUCM

- Task 5.7: Model-based product line configuration
  - Investigate the feasibility of applying Zen-Configurator (Conformance checking) in the context of the MBE-CR project

- Task 5.8: Model-Based Infrastructure of Verifying and Validating CPSs
  - Develop a small infrastructure for ZenTest
  - Demonstrate that the national infrastructures NorNet, Notur and NorStore can be utilized to facilitate testing activities

DELIVERABLES AND ADJUNCT PROJECTS

- FOUR deliverables are on track.

- Adjunct projects
  - MBE-CR
  - Zen-Configurator
  - MBT4CPS
  - U-Test

PROJECT 5 – 2016

- Continue Task 5.1 with the focus on model-based repository engineering of various artifacts such as requirements and rules.

  - Link to the MBE-CR project

- Close Task 5.7

- Close Task 5.8