

An ITEA Smart engineering project

# SmartDelta



Managing software quality across product versions and builds

## Project summary

Too often it is observed that as a system is being built and incremented with new features or updates, certain quality aspects of the system begin to deteriorate. To accurately analyse the quality implications of each change to a software system, SmartDelta develops automated solutions for the quality assessment of product deltas in a continuous engineering environment.

## Consortium



## Project duration

December 2021 - March 2025

## Expected key results / USPs

- > Methodology for analysis and optimization of quality in multi-variant systems
- > Automated similarity analysis and reuse recommendation
- > Prediction of quality changes across products and detection of 'bad smells'
- > Toolset for automated delta-aware quality assurance

## SmartDelta project website



<https://smartdelta.org/>

## SmartDelta Use-Case Domains



## Contact

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