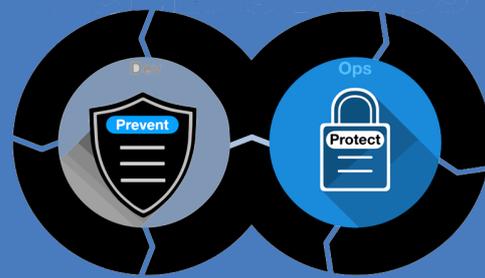


# VeriDevOps



## New tools to increase the security of DevOps

### What is VeriDevOps?

DevOps helps increase an organisation's ability to deliver applications and services at high velocity. It aims to shorten the systems development life cycle and provide continuous delivery with high-quality software. Current systems development practices are increasingly based on off-the-shelf and legacy components, which make such systems prone to security vulnerabilities. Since DevOps is promoting frequent software deliveries, verification artefacts should be updated in a timely fashion to cope with the pace of the process. The EU-funded VeriDevOps project plans to develop methods and tools that provide a faster feedback loop for verifying the security requirements – confidentiality, integrity, availability, authentication and authorisation – in large-scale cyber-physical systems.

### Expected Impact

The VeriDevOps project will develop technologies for a streamlined and automatic workflow allowing verification of security in VeriDevOps environments. To this end, we will deliver methods and tools that enables fast-feedback of verification results in development operation engineering of industrial systems . VeriDevOps brings together European industrial and academic communities in order to develop and demonstrate VeriDevOps technologies ranging from processes, methodologies to tools and demonstrators. VeriDevOps will also establish regular networking with embedded systems/CPS/IoT/cybersecurity communities . Besides that, VeriDevOps will participate in roadmapping activities in cooperation with other related projects and testing and security communities. VeriDevOps expects to be able to deliver a substantial contribution to achieving what we believe are the underlying benefits with regards to the EC targets.

### Project Coordinator

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### Partners

SWEDEN: Mälardalens Högskola, ABB AB  
FRANCE: Softeam, Montimage EURL  
SPAIN: Fagor Arrasate, Ikerlan  
FINLAND: ABO Akademi

Duration: 36 months  
Start: 01.10.2020  
EC Contribution: €4M  
Call: H2020-ICT-2018-20  
Topic: Model Driven Software Development