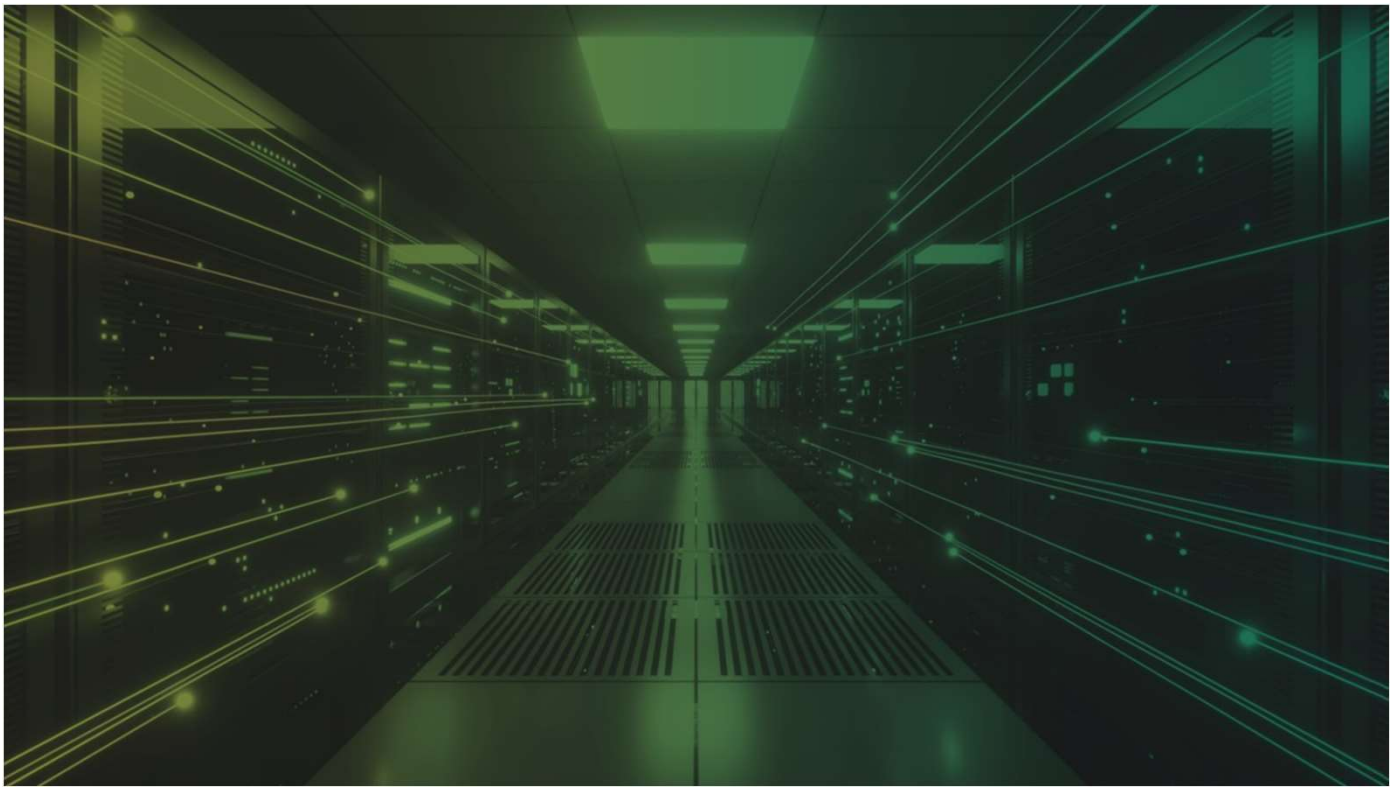
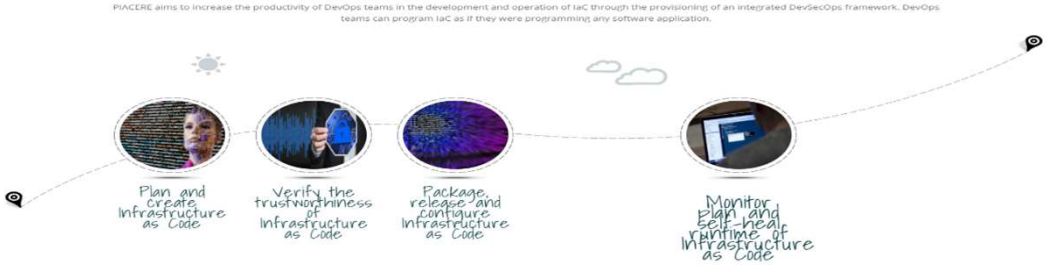


PIACERE

Programming trustworthy Infrastructure As Code in a sEcuRE framework

http://piacere-project.eu



PIACERE

Programming trustworthy Infrastructure As Code in a sEcuRE framework

KEY RESULTS

KR1: CertificatioDevSecOps Modelling Language

KR2: PIACERE Integrated Development Environment

KR3: Infrastructural Code Generator

KR4: DOML Extension mechanism

KR5: Verification Tool

KR6: IaC Code Security Inspector

KR7 - Component Security Inspector

KR8 – Canary Sandbox Environment (CSE)

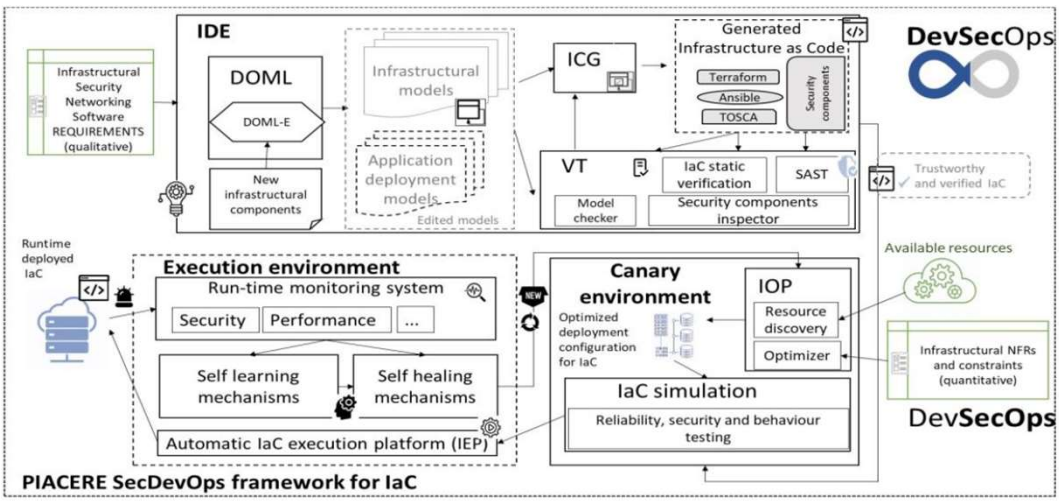
KR9 – IaC Optimized Platform (IOP)

KR10 - IaC Execution Platform (IEP)

KR11 – PIACERE Self-learning and self-healing mechanisms

KR12 - Runtime security monitoring

APPROACH



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BENEFITS

1. **Making** the creation of such infrastructural code **more accessible to the DevSecOps teams**

2. **Increasing** the **quality, security, trustworthiness** and **evolvability** of **infrastructural code**

3. **Ensuring business** continuity by providing self-healing mechanisms **anticipation of failures and violations**

4. **Allowing IaC** to **self-learn** from previous conditions that triggered un-expected situations

USE CASES

SI-MPA. The Slovenian Ministry of Public Administration for hosting information systems on a centralized infrastructure

PRODEVELOP. Critical Maritime Infrastructures for fulfil the management needs of port authorities

ERICSSON. Public Safety on IoT in 5G of both human and IoT devices

CONSORTIUM

PIACERE

Web: http://piacere-project.eu
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CONTACT INFORMATION

Project Coordinator:
Leire Orue-Echevarria
Leire.Orue-Echevarria@tecnalia.com
+34 664 103 005

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