PROJECT OVERVIEW

Program
Digital Europe

Budget
€ 5M

Project ID
101249717

Duration
36 months

THE CHALLENGE

Critical infrastructure is under increasing **cyber pressure**. Operators must secure **highly complex environments** combining:

- Legacy systems
- Cloud platforms
- Operational Technology (OT)
- Third-party integrations

This fragmentation limits visibility, slows response, and increases risk.

A New Approach

LLM4CIP introduces an **AI-driven cybersecurity platform** that brings visibility, intelligence, and automation into a **unified system**.

Partners

ASSIST Innovative Minds
ubitech
ENTITY ICCS
European DIGITAL SME Alliance
eBOS
Eunomia Ltd. Consulting Services

EXPLORE THE LLM4CIP INITIATIVE AND UPCOMING OPEN CALLS

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LLM4CiP

LLM-POWERED CYBERSECURITY FOR CRITICAL INFRASTRUCTURE

AI-driven protection for Europe's most critical systems

- Advanced **threat detection**
- Context-aware **risk analysis**
- Intelligent **incident response**

Securing IT & OT environments at scale

ASSIST Innovative Minds

WHO IT SUPPORTS

- **Operators of essential services**
  Energy, transport, healthcare, public sector
- **Cybersecurity & incident response teams**
  Monitoring, detection, coordinated response
- **Public authorities**
  Compliance, resilience, and risk oversight

WHAT WE DELIVER

An **AI-powered cybersecurity platform** designed for **critical infrastructure** environments

- **LLM-driven threat detection**
- **Contextual risk analysis across IT & OT**
- **AI-assisted incident response**
- **Digital twin-based simulation & modelling**
- **Continuous monitoring and adaptive learning**

From fragmented security tools to **unified cyber intelligence**

HOW IT WORKS

- **Large Language Models (LLMs)**
- **Digital Twin technology**
- **Secure cloud infrastructure**
- **AI engineering & MLOps pipelines**

Open Calls (2027)

Join the LLM4CIP program and strengthen your cybersecurity capabilities with:

- **AI-powered** penetration testing and continuous **threat analysis**
- End-to-end risk and **compliance assessment** aligned with **EU standards**
- **60.000€ funding**
- **42 organizations** selected for funding
- A **6-month guided deployment program** with **expert support** and real-world validation

ASSIST SOFTWARE'S ROLE

ASSIST Software acts as **project coordinator**, also leading the design and delivery of the **LLM4CIP platform**.

- **Defines the platform architecture and system integration**
- **Implements LLM and digital twin capabilities**
- **Builds secure, scalable cloud infrastructure**
- **Ensures alignment across partners and project execution**

TECHNOLOGY STACK

python · React · Java · Cloud Infrastructure · MLOps & SecOps · Mistral AI · Digital Twins · Big Data