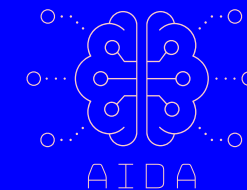


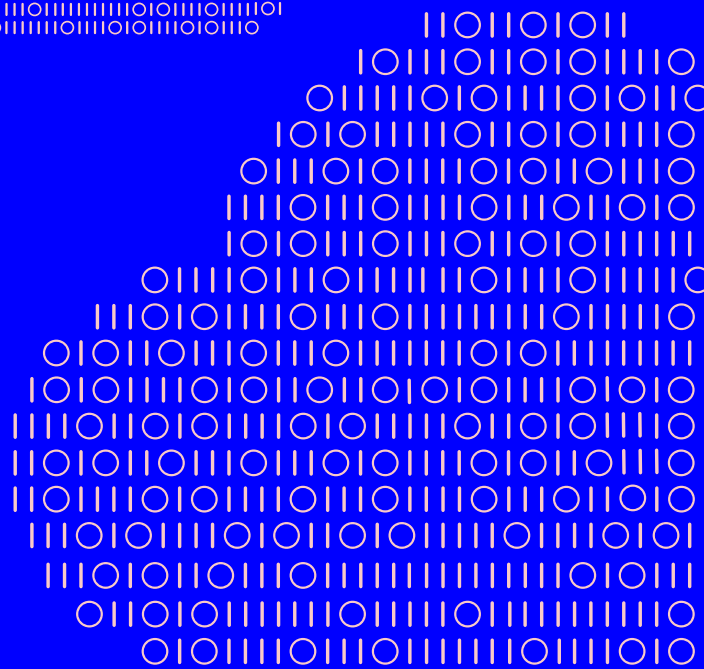
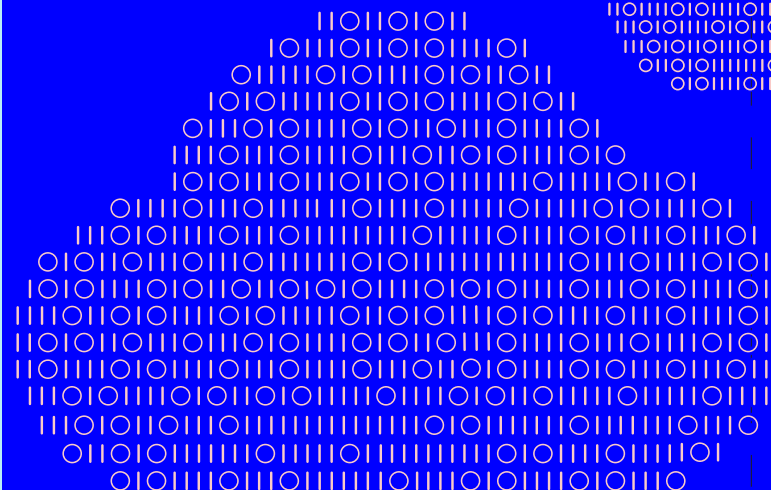
The Next Generation of the RAID Platform

The next version of RAID will enable companies to collect and monitor data in an extremely flexible way, with real time guarantees, security and reliability.

- 🌐 <https://aida.inesctec.pt>
- 🐦 <https://twitter.com/aidacmuproject>
- 🌐 <https://www.linkedin.com/company/aidaprojectcmu/>



Adaptive, Intelligent and Distributed Assurance Platform



The Solution

Edge Computing and 5G

To delegate processing to the edge or use central servers, according to the nature of the computation and the type and location of monitoring and reference data.

Resilience to Intrusion

To research and apply intrusion detection techniques at multiple levels of the architecture, with the goal of enabling system-wide intrusion tolerance.



Data Privacy and Confidentiality

To maintain the confidentiality of the operational data being monitored and analyzed, and protect the privacy of the entities to whom the data refers to are fundamental concerns in the design of the platform.

Federated Machine Learning

To learn from local data and push incremental model updates to coordinator nodes that maintain global models based on the contribution of edge nodes and other relevant data sources.

Pilot

By the end of the project, a complete prototype of AIDA will be deployed and demoed in a realistic scenario, in the telecommunication services' sector. Mobileum, in charge of providing the next generation of the RAID platform to the clients, will explore the project's outcomes commercially.



Consortium

The AIDA consortium is composed of four partners from academia and industry.



mobileum



INESCTEC



Carnegie
Mellon
University