



Newsletter 8

October 2023



Meet us at EBDVF 2023 in Valencia

We're excited to announce that ARCADIAN-IoT will be present at the European Big Data Value Forum (EBDVF) 2023 in Valencia, scheduled from the 25th to the 27th of October.

Come visit our booth!

Experience firsthand our cutting-edge solutions, as we proudly showcase our Emergency and Vigilance domain. Dive deep into how ARCADIAN-IoT is leveraging the power of IoT to revolutionise safety and vigilance in real-world scenarios.

LATEST NEWS



ARCADIAN-IoT takes center stage at the Cybersecurity Cluster Projects meeting

Lisbon was the meeting point for cybersecurity innovation as it hosted the “Cybersecurity Cluster Projects Meeting” from 16th to 17th October 2023 at UNINOVA. This was the meeting of projects from the cybersecurity domain and the aim was to share knowledge and collaborate on the advancement of cybersecurity in Europe. ARCADIAN-IoT was represented by five members of the consortium.

[Read more](#)



ARCADIAN-IoT Trainings online

We're thrilled to announce that ARCADIAN-IoT is now bringing its expertise right to your screens. Our comprehensive trainings tailored for ICT users are officially live on our website! Whether you're looking to dive deep into the world of IoT, or seeking to enhance your existing knowledge, our courses have got you covered.

[Read more](#)



ARCADIAN-IoT

WEBINAR SERIES

Building a secure IoT ecosystem

2

**PRIVACY AND DATA
PROTECTION IN IoT
SYSTEMS**

ARCADIAN-IoT Webinar Series: Privacy and Data Protection in IoT Systems

On 6th October, ARCADIAN-IoT hosted its second thematic webinar, this time focusing on "Privacy and Data Protection in IoT Systems." As the number of connected devices continues to grow, so does the need for stringent data protection measures, and this webinar shed light on just that.

[Read more](#)

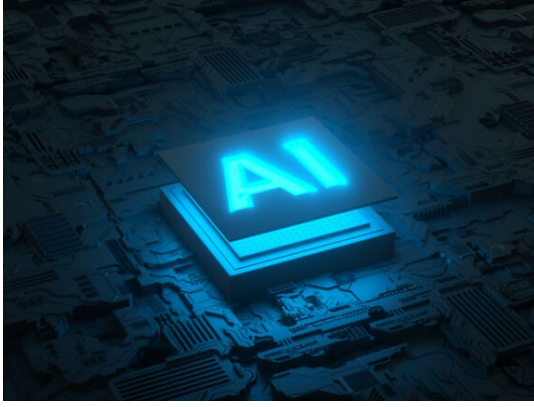


ARCADIAN-IoT Summer School delivers a comprehensive overview of iot security

The week-long ARCADIAN-IoT Summer School, hosted from 4th to 8th September, offered participants an in-depth dive into the realm of Internet of Things (IoT) security, providing insights into the latest research, techniques, and challenges in the field.

[Read more](#)

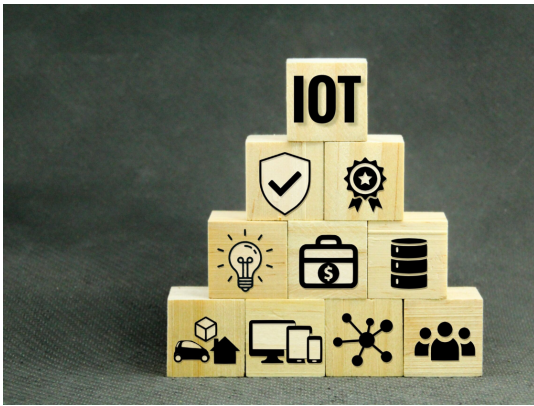
BLOG POSTS



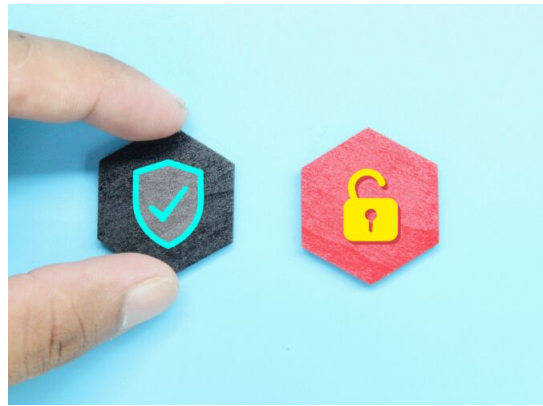
Federated AI: the key to dependable and privacy-preserving IoT in the ARCADIAN-IoT



IoT security with Permissioned Blockchain

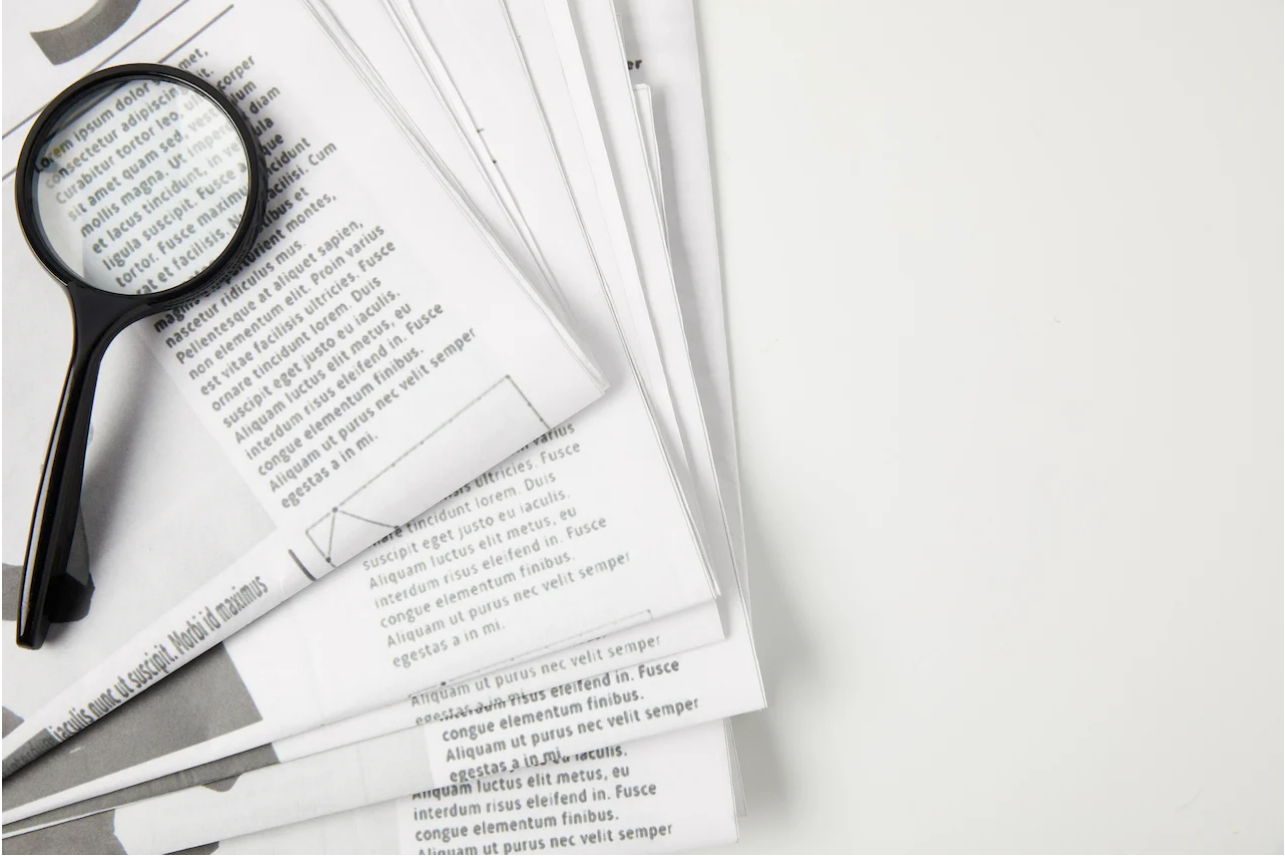


Decentralized Digital Identifiers in ARCADIAN-IoT: enhancing IoT security with DIDs



Exploring the self-recovery component of the ARCADIAN-IoT framework: backup, security, and privacy

LATEST PUBLICATIONS



Hospital-based proton therapy implementation during the COVID pandemic: early clinical and research experience in a European academic institution

FL4IoT: IoT Device Fingerprinting and Identification using Federated Learning

Non-invasive, plug-and-play pollution detector for vehicle on-board instantaneous CO2 emission monitoring

SparSFA: Towards robust and communication efficient peer-to-peer federated learning

Lightweight certificate revocation for low-power IoT with end-to-end security

VIDEOS



Medical IoT

This ARCADIAN-IoT domain is based on IoT medical sensors (single or combined), which interoperate with a secure communication channel. ARCADIAN-IoT will work in a platform that helps to obtain a more “technology-focused” healthcare system in order to ease the action plans under these situations by making accessible the patient data from everywhere and by providing a decision support system for helping in critical situations.

Watch the video



Emergency and vigilance using drones and IoT

ARCADIAN-IoT will accelerate the development towards decentralized, transparent and user controllable privacy in three real domains (use cases). One of them is Emergency and vigilance using drones and IoT which aims to demonstrate the contribution of the Arcadian-IoT platform to the emergency and vigilance scenarios. This domain of implementation covers trust, security, and privacy challenges.

[Watch the video](#)

SYNERGIES

Projects funded under the same call



TRUST aWARE project

Enhancing digital security, privacy and trust in software



ERATOSTHENES project

IoT trust and Identity management framework



IDUNN project

A cognitive detection system for cybersecure operational technologies



IRIS project

Artificial Intelligence threat reporting and incident response system



SOTERIA project

User-friendly digital secured personal data and privacy platform



KRAKEN project

Brokerage and market platform for personal data



SENTINEL project

Bridging the security, privacy and data protection gap for smaller enterprises in Europe



SPATIAL project

Achieving trustworthy, transparent and explainable AI for cybersecurity solutions



ARCADIAN-IoT

Funded by the EU's Horizon2020
programme under agreement n°
101020259.

Copyright ©2021-2023 Martel Innovate on
behalf of ARCADIAN-IoT project. All rights
reserved. [Privacy Policy](#)

[Unsubscribe](#)

