

CERTIFY NEWSLETTER #7

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March 05, 2025

Top News

Plenary meeting in Paris,
CERTIFY participation in
seminar and white paper.

CERTIFY

defines a methodological, technological, and organizational approach towards IoT security lifecycle management based on

- security by design support
- continuous security assessment and monitoring
- timely detection, mitigation, and reconfiguration
- secure Over-The-Air software update
- steady security information sharing

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Newsletter Highlight

We had our 5th plenary meeting of the project on 26–27 November 2024 organized by Red Alert Labs in Paris. The meeting was chaired by our project coordinator and joined by all partners physically and remotely. Each project partner presented its relevant work tasks, deliverables and milestones.

Inside This Issue

- 5th plenary project meeting in Paris, France organized by Red Alert Labs

- Conferences and papers with other EU projects

- Upcoming events to disseminate the project results

“There's no silver bullet with cybersecurity; a layered defense is the only viable option.”

James Scott

Senior Fellow, ICIT



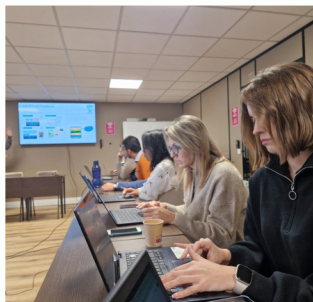
5th PLENARY MEETING



5th plenary meeting of CERTIFY was held in Paris, France from 26 to 27 November 2024 and was conducted by the Red Alert Labs.. During the meeting work package and task leaders took the lead and presented activities and their results since the last plenary meeting.



The format of the meeting included presentations by the work leaders followed by open discussion on tasks, results and next steps of the work packages. Meeting minutes and action points for each partner were prepared.



12

Research Partners

8

Countries

36 M

Project duration

Encrypt Joint Whitepaper

The joint paper is designed to complement and reinforce the efforts of regulatory bodies by showcasing research initiatives that contribute to the development of privacy-preserving technologies and robust cybersecurity solutions. In doing so, the paper bridges the gap between cutting-edge research and regulatory compliance, serving as a catalyst for a more secure and privacy-conscious digital ecosystem across Europe. In addition to the eight projects featured in this joint paper, the European Union has been actively promoting research and development initiatives aimed at bolstering cybersecurity on a continental scale.

CERTIFY project has contributed significantly to the whitepaper by addressing the cybersecurity lifecycle of IoT devices. As we conclude this collaborative white paper, we look forward to the future directions and joint activities that will further enhance the collective impact of our consortium of European projects dedicated to advancing the field of cyber security. Building on the synergies and shared objectives that have brought us together, we envision several key initiatives to strengthen our collaboration and continue our mission of safeguarding digital landscapes.



Cybersecurity Seminar

The collaboration with the Saudi Aramco Cybersecurity Chair was particularly significant for CERTIFY, as their focus on securing critical infrastructure aligns with the project's mission to develop robust, scalable security solutions for IoT systems. This opportunity not only enhanced the visibility of CERTIFY's outcomes but also fostered an exchange of knowledge with leading experts in cybersecurity and critical infrastructure protection.

The poster is for a seminar titled "Securing IoT Lifecycle and its impact in the continuum". It is presented by Professor Antonio F. Skarmeta, who is from the Department of Information and Communications Engineering at the University of Murcia, Murcia, Spain. The event is scheduled for Tuesday, November 5, 2024, from 11:00 am to 12:00 pm, and will be held online via the Zoom App. A QR code is provided for attendees to scan. The poster also features logos for IAU, Vision 2030, and the Saudi Aramco Cybersecurity Chair.

IAU
جامعة الإمام عبد الرحمن بن فيصل
Imam Abdulrahman Bin Faisal University
Riyadh, Saudi Arabia

VISION 2030
رؤية 2030
الاستراتيجية الوطنية للتقنية
Kingdom of Saudi Arabia

SAUDI ARAMCO CYBER SECURITY CHAIR
at Imam Abdulrahman Bin Faisal University

Saudi Aramco Cybersecurity chair would like to invite you to attend a distinguished seminar titled:

Securing IoT Lifecycle and its impact in the continuum

Presented by:

Professor Antonio F. Skarmeta
Department of Information and Communications Engineering
University of Murcia, Murcia, Spain

Tuesday | Nov 5, 2024
11:00 am to 12:00 pm
Online (Zoom App)

To Attend Scan Here:

SAUDI ARAMCO CYBER SECURITY CHAIR AT IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

The event, held virtually on November 5, 2024, brought together professionals, researchers, and experts from cybersecurity domains worldwide. Participation in high-profile events like this enables our consortium to strengthen collaborations, disseminate cutting-edge solutions, and gather valuable feedback. We thank the Saudi Aramco Cybersecurity Chair for providing a platform to spotlight our project's achievements and engage in meaningful discussions.

CERTIFY Infoday

On March 17, 2025, CERTIFY, in collaboration with the DIGIS3 project, will host its inaugural Infoday: Cybersecurity and IoT in Industry 5.0. This virtual event aims to explore the critical role of cybersecurity and IoT technologies in transforming industrial environments. Attendees will gain insights into cutting-edge research and practical applications directly from industry and academic experts.




The Infoday will feature presentations on CERTIFY's three primary use cases, demonstrating how IoT and cybersecurity innovations are shaping various industries. The first use case focuses on improving the efficiency and passenger experience within aircraft cabins through secure digital solutions. The second explores how Smart Factory operations can be optimized by integrating secure IoT systems that enhance automation and operational efficiency. Lastly, attendees will discover how advanced digital tracking and security solutions are being developed to safeguard and manage valuable works of art.

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OCT 2022 | SEP 2025 

Project Partners



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