PRAETORIAN

Welcome to the **PRAETORIAN newsletter**.

PRAETORIAN is a H2020 funded project aiming at increasing the security and resilience of European Critical Infrastructures, by facilitating the coordinated protection of interrelated CIs against combined physical and cyber threats. You can follow project updates on our PRAETORIAN website and by following our social media accounts.

In this newsletter, you can find insights on:

- Progress towards the end of the project,
- Events and Publications,
- Collaboration initiatives with other projects.

M19-M28 months PRAETORIAN project update

As we reached the final stage of the project, many important activities took place:

The technologies developed during the project were **validated** by CI security operators, external to the project, based in four attack scenarios. The validations were held remotely, and their outcomes motivated significant improvements to the PRAETORIAN tools.

After fine-tuning the PRAETORIAN tools based on the outcomes of the validation exercises, four **demonstrations** of the PRAETORIAN solution were prepared and executed, between March and July 2023. The demo sites were in Spain (Valencia Port), France (Bordeaux Port), Croatia (Hydropower plant & Zagreb airport) and Austria (MUG laboratory & KAGEB). 9 CI Operators from the energy, transport, and health domains, as well as 3 First Responders were involved. Security CI operators had the opportunity to use the PRAETORIAN tools to detect and address threats related to combined physical and cyber-attacks, in the context of realistic attack scenarios. More than 350 people attended these events and provided valuable feedback. The recordings of the demonstrations are available in the PRAETORIAN YouTube channel. More information about the demonstrations can be found in the project website.

Important **deliverables** were prepared and submitted to the EC during this last period. The list of deliverables successfully achieved and submitted is the following:

Deliverable		Month
D7.3	Test bed integration, configuration, and verification	M19
D7.4	PRAETORIAN integrated system validation	M21
D8.1	Deployment and demonstration plan	M21
D1.4	Updated Data Management Plan	M24
D11.8	GEN - Requirement No. 8	M24
D8.2	Demonstration activities	M26
D8.3	Evaluation and Impact assessment framework	M28
D8.4	Socio-Economic impact assessment results	M28
D8.5	Replication to largest audience beyond the project	M28
D9.3	Policy and regulatory framework Recommendations	M28
D10.1	Exploitation Strategy	M28
D10.4	Security Standards and Certification Mechanisms	M28
D10.5	Business Plan and investment measures	M28

Regarding the **dissemination** of the project results, the consortium participated with presentations, booths, or dedicated sessions in several events, such as: The PRECINCT conference and the RISE-SD in May 2023, the PCSCI workshop in August 2023 and in the EU-CIP & ECSCI Cluster 1st Annual Conference in

September 2023. Also, PRAETORIAN final conference was co-organized with the EU-CIP/ECSCI event. Finally, as a post-project activity, PRAETORIAN will participate with a booth in the Security Research Event (SRE23), in Brussels, in October 2023. Moreover, the consortium produced many publications during this period, based on project results: 4 journal articles and 9 conference papers. Details can be found on the project website.

Currently, the consortium is getting prepared for the SRE in Brussels, and for the final review meeting, which will take place on 16th November 2023.

Events

The PRAETORIAN project has been presented at several events during the last six months. The most notable events are the following:

- **PRECINCT Conference** (16-17 May 2023 – Brussels): PRAETORIAN participated with a session dedicated to the project validation exercises.
- **RISE-SD Conference** (29-31 May 2023 – Rhodes): PRAETORIAN contributed with a project presentation, as well as with a booth, having the opportunity to show demos and exchange views and ideas with attendees involved in other projects.
- **PCSCI workshop** (29 Aug. 2023): Co-organized with PRECINCT and SUNRISE projects, involved several presentations by PRAETORIAN partners, related to the project technologies, the validation outcomes and the challenges and lessons learned from the demonstrations.
- **EU-CIP & ECSCI Cluster 1st Annual Conference** (20-21 Sept. 2023 – Brussels): PRAETORIAN was one of the projects that was presented in this event of high visibility.
- **Final PRAETORIAN conference** (22 Sept. Brussels): The 46 people attended the conference had the opportunity to get involved in discussions about CI protection and resilience, hybrid threats and lessons learned by the project. Participants and attendees involved, among others, DG Home, Member state representants and project partners.