



For more information or to arrange an interview please contact:

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For more information on the SUNRISE project visit <https://sunrise-europe.eu/>

Editors' notes:

The SUNRISE Team

The SUNRISE project consortium is funded by the European Union's Horizon Europe research and innovation programme and is made up of 41 European leaders and experts from the health, security, social science, humanities, information technology, epidemiology, communications and emergency management fields, ensuring that the most modern science and research serve the real-world needs of healthcare, government and society. SUNRISE is being led by Eviden.

The full suite of SUNRISE Tools

1. The RiBAC Tool

The RiBAC tool will help reduce the risk involved in physical access to critical infrastructures in a scalable and privacy-preserving way. The novel architecture and software components in the RiBAC tool will address compliance with GDPR, privacy by design and default parameters and guidelines for meeting GDPR requirements. It is a modular solution that is interoperable with existing physical access control systems.

2. The Demand Prediction and Management (DPM) Tool

The Demand Prediction and Management (DPM) Tool is based on state-of-the-art technologies regarding demand prediction methods, like AI/ML-based models, and has the general scope to provide accurate demand prediction for specific Critical Infrastructures and furthermore to efficiently facilitate resource management.

3. Tool for Remote Physical Infrastructure Inspection

The Tool for Remote Physical Infrastructure Inspection will deliver a solution for continuous, data-driven physical infrastructure inspection using satellite images, drones, UAVs and ML methods for anomaly detection. Using these technologies, it will help detect the issue and rectify it without the physical presence of people in the area under inspection

4. Tool for Cyber-Physical Resilience

The tool will improve the security of critical infrastructures by using deep-learning methods to identify the first stages of cyber-attacks and cyber threats (physical and non-physical). Taking key information e.g. computer logs with AI, it has the ability to inform authorities about different security incidents that pose major risks for critical infrastructures. It will be equipped with a dashboard and conduct a real-time risk assessment of the critical infrastructure.

Horizon Europe

[Horizon Europe](#) is the EU's key funding programme for research and innovation. It tackles climate change, helps to achieve the UN's Sustainable Development Goals and boosts the EU's competitiveness and growth. The programme facilitates collaboration and strengthens the impact of research and innovation in developing, supporting and implementing EU policies while tackling global challenges. It supports creating and better dispersing of excellent knowledge and technologies.



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