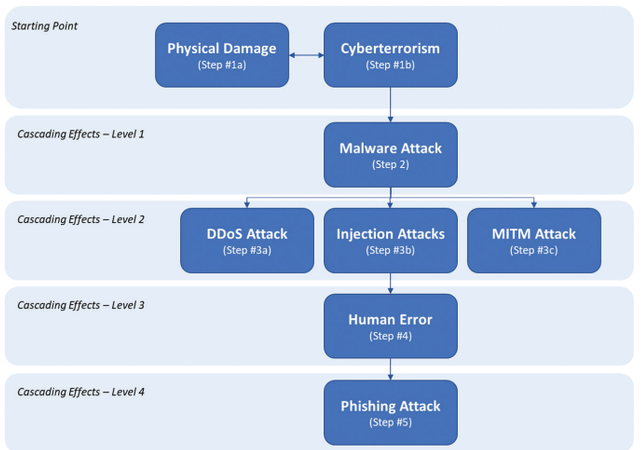
LSP#2 Overview:

The main goals of LSP2 is to enhance security and resilience across critical infrastructure domains—health, logistics/supply chain, and border control—by developing and validating systems that address cyber-physical-human risks. The project seeks to ensure business continuity through robust security measures, effective information exchange, and resilience strategies. Specific goals include securing healthcare systems and Electronic Health Records, optimizing logistics and Enterprise Resource Planning (E.R.P.) platforms, and strengthening border control mechanisms. The initiative focuses on integrating and securing cross-domain and cross-border operations to improve overall system robustness and efficiency.



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Key Contributions:

The Border Control Scenario under ATLANTIS LSP#2, focuses on several high-level areas of innovation. It addresses threat mitigation by tackling both cyber threats and misinformation to protect critical infrastructures, such as border control systems. Enhanced situational awareness is achieved through the use of advanced tools and technologies that improve real-time monitoring and response capabilities. The project aims to implement proactive security measures, enabling early detection and efficient decision-making processes to mitigate the effects of attacks. Additionally, it emphasizes resilience and recovery, strengthening the ability of border control systems to withstand and quickly recover from disruptions.

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Unique approaches or technologies being utilized.

The ATLANTIS project is at the forefront of safeguarding border control systems against cyber threats. In the UC2.4 border control scenario the "Tools to Fight Disinformation", monitors social media platforms to detect and counteract false information that could disrupt border operations. By collaborating with social media platforms, ATLANTIS ensures the dissemination of accurate information, preventing the spread of false alerts. In the UC2.4 border control scenario, these disinformation tools are tested in a simulated border control system provided by NetU, while ATC's tool identifies and flags false alerts, maintaining public trust and operational integrity. This integration is underway, in an attempt to minimize border control cyber threats and disruptions and to maintain public confidence.
While UC2.4 border control scenario focus on disinformation tools, other technologies like HiVIC Dapps & Cosmos App for decentralized security, SAFER for malware and DDoS protection as well as Threat Intelligence are being considered for future integration.

Consortium of Companies

Engineering
Ingegneria Informatica S.p.A.
[Italy]

CS Group
[France]

SIXENSE ENGINEERING
[France]

Netcompany-Intrasoft
[Luxembourg]

SingularLogic
[Greece]

Telekom Slovenije d.d.
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SIEMENS AG
[Romania]

Synelixis Solutions S.A.
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[Italy]

Service Départemental d'Incendie et de Secours de la Savoie
[France]

KEMEA – Centre for Security Studies
[Greece]

Institute for Corporative Security Studies, ICS
Ljubljana
[Slovenia]

European Union Satellite Centre
[Spain]

University of Rijeka,
Faculty of Maritime Studies
[Croatia]

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[Slovenia]

CEA List Institute
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Centre of Research & Technology Hellas
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[Greece]

Links Foundation
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Vicomtech Foundation
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Ministero Dell' Interno, Dipartimento di
Pubblica Sicurezza, Polizia di Stato
[Italy]

Ministry of Infrastructure
of the Republic of Slovenia
[Slovenia]

Republic of Slovenia,
Government Information Security Office
[Slovenia]

Ministry of Citizen Protection,
Hellenic Police
[Greece]

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Contact us

Project Coordinator
Mr. Gabriele Giunta
Engineering, Italy
gabriele.giunta@eng.it

Technical Manager
Mr. Artemis Voulkidis
Synelix, Greece
voulkidis@synelix.com

Web

LinkedIn

www.atlantis-horizon.eu

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LSP#2:
"Supply Chain Border Control"