SimSpace

The **realistic, intelligent** cyber range.

CASE STUDY

Slovenia and Croatia Strengthen Cyber Defense with SimSpace Realistic Range Federation

CUSTOMERS:
Government of Slovenia & Government of Croatia

INDUSTRY:
National Cyber Defense

RESULTS:
Realistic training, cross-border collaboration, strengthened resilience

Two neighboring nations, Slovenia and Croatia, joined forces to elevate their national cyber defenses. Facing sophisticated threats targeting critical infrastructure and MoD systems, the countries needed a secure, realistic environment to test their cyber capabilities and train their security teams without putting live systems at risk.

The Challenge

As Slovenia and Croatia worked to improve their national cyber defenses, they needed to:

- Conduct large-scale, joint cyber exercises across borders
- Provide SOC analysts with realistic scenarios in a safe, isolated environment
- Simulate stealth and disruptive threats beyond traditional phishing vectors
- Build trust and operational coordination between nations

> “SimSpace gave us a platform so realistic that analysts thought they were defending their actual networks. The joint exercises not only improved our defenses but also strengthened trust and collaboration between our nations.”
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> ▸ Aleš Čretnik, ***Slovenian Cybersecurity Lead***

The Solution

To prevent and prepare for the advanced threats they face, Slovenia and Croatia established an intelligent federated cyber range platform using technology provided by SimSpace, enabling both nations to conduct complex joint exercises across borders. Analysts from each country's SOC operated in an environment so realistic that they "could not tell the difference" from their live systems.

TRAINING & EXERCISES

SOC teams participated in live-fire joint simulations, responding to sophisticated custom threats and a second scenario involving website defacements. The attacks were carried out exactly as they occur in the real world, giving analysts invaluable red team experience and new detection strategies in a safe, simulated environment.

FEDERATED RANGE OPERATIONS

SimSpace enabled cross-border collaboration and development of cyber range federation between Slovenia and Croatia. This sophisticated setup connected people and processes—so smooth that participants reported, "The SOC could not tell the difference [between range and real environment]."

ADVANCED THREAT EXECUTION

Exercises moved beyond basic phishing attacks to test alternative initial access methods, allowing analysts to uncover new adversary tactics and refine their defenses.

RISK-FREE TESTING ENVIRONMENT

The isolated range allowed SOC teams to test even the "craziest stunts you can do in cyber" without fear of impacting production systems. Custom VMs and licensed tools replicated live environments with precision.

The Results

Through these coordinated efforts and a realistic, customized cyber range, the two nations achieved enhanced readiness, stronger international trust, and a foundation for broader collaboration across Europe.

- SOC teams reported "no difference" between the range and live environments
- Executed tailored, real-world threats using mission-relevant TTPs
- Strengthened operational bonds and trust between two nations
- Laid groundwork for future multi-nation cyber collaborations

Request a demo to see how SimSpace can prepare your teams for the most sophisticated threats—individually or in joint, multi-nation environments.