

SOLUTION BRIEF

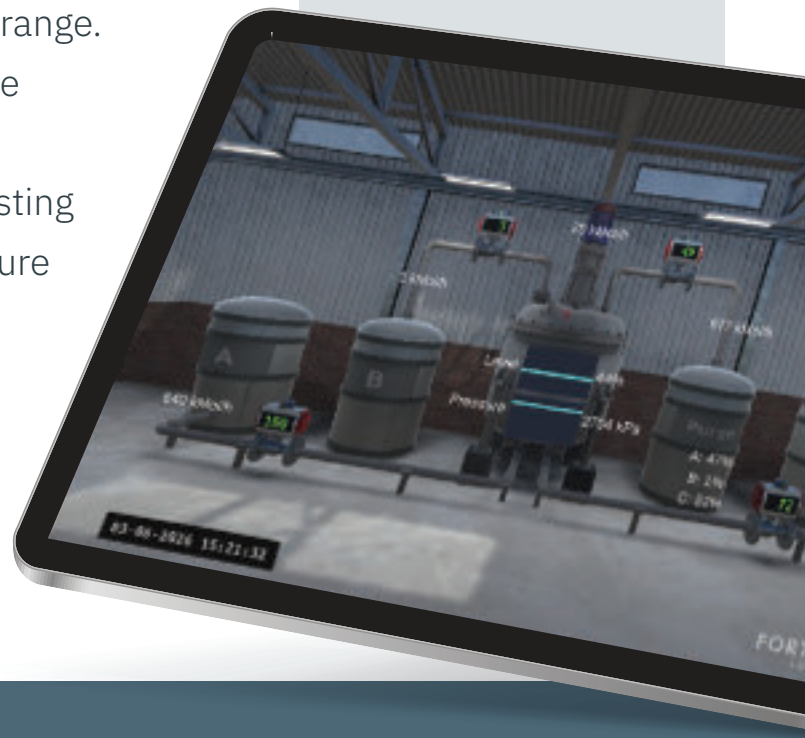
Critical Infrastructure Cyber Range **Solutions**

The convergence of Operational Technology (OT) networks with traditional IT networks is accelerating and increasingly enabling cyber attacks by sophisticated and opportunistic cyber threats. Safe representative environments to validate system-wide baselines, test new hardware and software, and assess how cyber disruptions translate into physical impact are the best way to stay ahead of these threats.

Enter, SimSpace.

SimSpace enables organizations to integrate, test, and validate the components, systems, and processes of CI environments inside a high-fidelity cyber range. From hardware-in-the-loop integration to the full-stack deployment of your security tools, teams can safely execute comprehensive testing of interoperability, security controls, and failure propagation. This approach provides complete visibility and analysis of cyber consequences, enabling confident decision-making before real-world deployment.

Ensure
resilience of
Critical
Infrastructure
(CI) networks by
reducing risk
and increasing
cyber spend
ROI with a
high-fidelity
replica of your
network.



KEY CAPABILITIES

Hardware-in-the-Loop (HWIL)

SimSpace integrates real OT hardware, systems, and networks into virtual representative networks to enable testing, training, and validation against live physical components deployed in your network.

Systemic Simulations

SimSpace uses realistic CI simulations to model OT systems, processes, and interdependencies, enabling analysis of systemic behavior, cascading failures, and operational risk. These simulations provide a visual representation of physical processes, allowing teams to experience cyber-kinetic impact.

Virtual Appliances

SimSpace can deploy any virtualized OT technologies within a cyber range to match your network to test interoperability, security controls, and operational workflows across complex environments. This includes integration of both commercial vendor and open-source OT technologies, such as PLCs, RTUs, HMIs, historians, and supervisory platforms.

Results



Reduce operational risk



Consolidated cyber spend



Accelerated time to ROI



Comprehensive network baseline

Test Your OT Resilience

To see a SimSpace OT cyber range in action, schedule a demo with an OT cybersecurity expert.
simspace.com/request-demo

