SIMSPACE PLATFORM

OT Datasheet

SimSpace: Empowering Operational Technology (OT) Cybersecurity

As industries become more interconnected, operational technology (OT) environments are increasingly at risk of cyber threats. SimSpace offers a comprehensive OT-focused platform to train, test, and drill your defenders and defenses on a dedicated OT cyber range designed to meet the specific needs of OT-dependent sectors.

Our OT Capabilities

SimSpace offers the **most realistic** OT emulations on the market, - including specialized training, a high-fidelity OT cyber range, and tailored cyber drills. Our platform simulates real-world OT threats, and test your organization's defenses, ensuring readiness against sophisticated cyberattacks.

Individual OT Training

SimSpace provides a wide range of OT-focused training programs to enhance your teams expertise in OT security such as:

- ICS/SCADA Systems Security
- Network Architecture and Protocols (including Modbus, DNP3, and other essential OT protocols)
- Incident Response and Threat Detection

OT-Specific Cyber Drills

SimSpace's tailored cyber drills focus on real-world, OT-specific scenarios to help organizations test their IR plans, security controls, and defender's readiness for attacks targeting OT systems.

OT-Specific Cyber Range

SimSpace's OT-focused cyber range simulates real-world OT environments, including key sectors such as:

- Energy & Utilities
- Manufacturing & Industrial Control
- Transportation & Logistics
- Water & Wastewater Systems

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Key Benefits of Investing in SimSpace

Choose SimSpace for unmatched OT cybersecurity training and testing across multiple layers of fidelity, ensuring **realistic and comprehensive** protection for your critical infrastructure. Our cyber range emulates everything from open-source and virtualized environments to physical OT hardware, allowing your team to engage with real-world scenarios, whether using virtual plants or actual hardware from customer sites. With layered fidelity, from virtualized commercial software to physical kits and customer hardware integration, SimSpace provides the flexibility and realism needed to prepare for any OT cyber threat.

Layer 1: Virtualized/Open-Source
- Open Source (e.g. ScadaBR) and/or unity visualization (e.g. simulated virtualized chem plant)

Layer 2: Virtualized/Commercial
- Commercial virtual software (as available, used by manufacturers to test prior to deploying on physical appliances)

Layer 3: Physical/Mini
- Hydro kit or the electrical kit that can be implemented by SimSpace

Layer 4: Physical/Commercial
- Actual hardware components from customer sites integrated into SimSpace's range

Why Choose SimSpace?

SimSpace offers a cutting-edge, multi-layered approach to OT-focused training and emulations. By combining individual training, sector-specific cyber ranges, and tailored cyber drills, we provide a comprehensive solution to secure OT environments.

- Multi-layered Fidelity: Our cyber range emulates everything from open-source tools to physical OT hardware, offering realistic, high-fidelity simulations.
- Tailored Cyber Drills: Engage your team in hands-on, OT-specific drills that test readiness against real-world cyber threats.
- Comprehensive Training: Equip your team with advanced skills to protect industrial control systems, optimize incident response, and reduce downtime.

Secure Your OT Environment

During this call we will cover:
- Our OT focused approach
- How we enhance your operational technology capabilities and security
- Use cases specific to your organization's needs