

ICS NetWars is focused on factory machinery operations, this experience brings players onto the factory floor, exposing them to the challenges of detecting and defending physical equipment and manufacturing components from cyberattacks.

Recommended for: Experienced Process Control Engineers, ICS/OT cybersecurity practitioners working in operational facilities, and IT cybersecurity practitioners supporting ICS environments.

“Appreciate that the challenges were very diverse! Ability to work on challenges I was familiar with and technologies I rarely touch.”

- T.K. | Kaiser Permanent

Disciplines

- Industrial Control
- Manufacturing
- Energy

Example Topics

- Asset discovery and infrastructure mapping
- ICS-specific malware detection
- Endpoint forensics
- Process restoration
- Engineering application use

Computer Requirements

- Processor: 64-bit, x86, 2.0 GHz+
- Memory: 16GB
- HD: 40GB+ Free
- OS: Windows, Mac or Linux
- VMware

Interactive Scenario:

The story employs a literal cookie factory to unite the ICS/OT factions over the one true sweet treat; nom nom cookies.

End goal: Defend the factory from cyberattacks to ensure the machinery works correctly so you and your peers can be rewarded with freshly baked cookies!

Key Specs

CPEs: Up to 6

Delivery: In-person, online, hybrid

Leaderboard: Yes

Levels: Mid, Senior, and Elite

Minimum Seats: 25

Moderator Required: Yes

Player Mode: Solo & Team

Run Time: 6h

Scorecard: Yes