Red Team OT Cyber Assessment

Applied Risk

Applied Risk OT Solution Snapshot

Applied Risk provides Red Team OT Cyber Assessment services for the evaluation of new and innovative security technologies under development by asset owners and suppliers.

The Red Team is composed of experts in many fields of practice, who are collectively able to simulate a real-world attack using blended threat scenarios against the organization. A valuable advantage of the Red Team service is the live feedback regarding the true level of the organisation's security posture.

The Red Team ICS Cyber Security Assessment provides an in-depth understanding of how sensitive information is externalized, and also highlights exploitable patterns and instances of undue bias in control and planning. Additionally, the organisation's maturity model for its industrial cyber security and risk management practices, and any detection, alerting, and incident handling capabilities, are measured.

The attack simulation takes place within a time span of 30 days, where Applied Risk executes simulated attacks coordinated without notifiying security and response personnel beforehand, and will address six stages; information and Intelligence gathering, threat modeling, vulnerability assessments, exploitation and risk analysis followed by reporting.

Key Benefits

- **Test your organisation's cyber resilience against various attack scenarios and identify vulnerabilities before they can be exploited by attackers**
- **Increase situational awareness and use results to drive improvements in your defense team's response capabilities**
- **Evaluate if OT security processes are aligned across the organisation**

Deliverables

Applied Risk will provide a professional report at the end of the engagement including:

- General metrics - Number of systems in scope, number of systems compromised, number of attack scenarios, number of detections
- Description of every technical finding - including method of exploitation, technical impact of the finding, skill factor required examples and screenshots
- Incident response findings (correlated with general attack trees/scenarios)

Get in touch.

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