

# FULL-SPECTRUM CYBER



# Markon

Markon delivers full-spectrum cyber operations that integrate cyber exercises, defensive operations, training, and threat analysis to secure critical systems and sustain advantage in contested digital environments worldwide.

## Core Capabilities

### Cyber Exercises

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We conduct adversarial emulation, penetration testing, and red team operations that expose vulnerabilities, test resilience, and sharpen mission readiness against real-world threats.

- Adversarial Simulation and Penetration Testing
- Purple Team
- Cloud Testing
- Phishing Simulations
- Tabletop Exercises

### Defensive Operations

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We design and execute defensive cyber operations that detect, contain, and mitigate threats while strengthening resilience across mission-critical networks and systems.

- Cybersecurity Engineering
- Incident Response Plan Development
- Digital Forensics
- NSA-accredited Vulnerability Assessments
- Security Risk Assessment Framework (SRAF)
- vCISO (Virtual Chief Information Security Officer) Advisory

### Cyber Training Platform

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We deliver immersive, hands-on cyber operations training through advanced range environments that develop, certify, and sustain mission-ready operators at every level.

- Cyber Training Needs Assessments
- Skills-driven, Apprentice-style Training and Certification Programs
- Customizable Online Training Environment Offering a Variety of Highly Realistic Virtual Scenarios

### Threat Analysis and Targeting

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We provide actionable threat intelligence and targeting analysis that anticipates adversary behavior, informs defensive posture, and supports operational decision-making.

- Cyber Intelligence and Threat Analysis
- Cyber Operation Experts

# Product Solutions

Explore our suite of mission technology product solutions, engineered to streamline operations, enhance decision advantage, and optimize performance.



# Markon

## K>FIVEFOUR™

**IMMERSIVE. CYBER RANGE.  
HANDS-ON.**

High-fidelity training that builds mission-ready operators through scenario-driven exercises, AI-driven simulations, and integrated tools across red and blue team operations. Learn more: [markonsolutions.com/k54](https://markonsolutions.com/k54)

## HYDRA™

**DEPLOYABLE. EXTENSIBLE.  
SCALABLE.**

Modular, forward-deployed edge infrastructure capable of facilitating cyber operations, AI/ML workloads, scalable cyber range exercises, and other use cases. Learn more at [markonsolutions.com/hydra](https://markonsolutions.com/hydra)

## HYPER™

**PERSISTENT. EVOLVING.  
REALISTIC.**

Creates a living cyber environment where adversaries, user activity, and infrastructure evolve over time—enabling sustained operations, high fidelity training, and measurable readiness. Learn more at [markonsolutions.com/hyper](https://markonsolutions.com/hyper)

## BATTLE GROUNDS™

**ISOLATED. PERSISTENT.  
ON-DEMAND.**

Scalable cyber range facilitating persistent training and mission rehearsal with dedicated labs and scenarios using automated adversary simulation. Learn more: [markonsolutions.com/k54/battlegrounds](https://markonsolutions.com/k54/battlegrounds)

## SHADOW VIEW™

**ANALYTIC SERVICE. THREAT  
DETECTION. DEEP VISIBILITY.  
DIGITAL FOOTPRINT.**

Robust data analytics platform to expose attack surfaces, reveal blind spots, and support threat hunting, damage assessment, data exploration, and pattern-of-life analysis.

## SHADOW BREACH™

**ATTACK SIMULATION.  
AI AUTOMATION.  
THREAT INTELLIGENCE.**

AI-driven platform that parses threat and vulnerability data to enable continuous testing and self-service red team execution without a dedicated team. Learn more: [markonsolutions.com/shadowbreach](https://markonsolutions.com/shadowbreach)

## ACE™

**LIGHTWEIGHT.  
ADAPTIVE.  
UNDETECTABLE.**

Rapidly deployable suite of customizable, non-attributable tools that support agile, mission-specific engineering with diverse, uniquely tailored capabilities.