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

CORE CAPABILITIES

CYBER EXERCISES

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 & Penetration Testing
- Cloud Testing
- Phishing Simulations
- Purple Team
- Tabletop Exercises

DEFENSIVE OPERATIONS

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

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

CYBER OPERATIONS TRAINING PLATFORM

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 & Certification Programs
- Customizable Online Training Environment Offering a Variety of Highly Realistic Virtual Scenarios

THREAT INTELLIGENCE, ANALYSIS, AND TARGETING

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

- Cyber Intelligence & Threat Analysis
- Cyber Operation Experts

PROPRIETARY PRODUCTS

K>FIVEFOUR
Immersive training in realistic cyber range environments with structured certification pathways that build operators from foundational skills to advanced Red and Blue Team mastery.

HYDRA CYBER OPERATIONS RANGE
Deployable, extensible virtual cyber range enabling mission rehearsal, cyber validation, and hands-on training in a portable next-generation training environment.

SHADOWBREACH
Automated adversary emulation platform that simulates realistic attack chains to continuously test defenses, expose security blind spots, and validate detection across enterprise environments.

ADROIT CNO ENGINEERING (ACE)
Lightweight, adaptable toolkit with customizable, rapidly deployable operational capabilities for mission-specific engineering.

BATTLEGROUNDS
Custom-built cyber training environment with realistic virtual scenarios that enable cybersecurity personnel to test their skills in a personalized, persistent setting.