

Cloud-based Managed Security Operations Center

Ransomware, phishing attacks, data breaches, insider threats and personal data leaks dominate the headlines on a daily basis. These increasingly sophisticated cyberattacks have become one of the most critical threats to our national security, economic well-being and privacy.

Cybersecurity Challenges

Sophisticated hackers and other adversaries are outpacing the ability of security tools and security professionals to protect the enterprise. The expansion of mobility, IoT, and industrial control systems provides an adversary with virtually unlimited new targets to penetrate. Most systems generate too many alerts and false positives — overwhelming IT departments with limited resources — and are consequently ignored. Today's mostly signature-based systems are narrowly focused on known threats: rule and signature-based systems cannot spot or stop new threats and zero-day attacks.

Raytheon Technologies' cloud-based security-as-a-service platform confronts these challenges by combining our highly skilled cybersecurity analysts and superior threat intelligence with the Cybraics' threat analytics platform, nLighten.

The cloud-based, Managed Security Operations Center powered by Cybraics is composed of highly skilled cyber professionals that deliver a defense grade, commercial service that protects, detects and responds to the cyber threats of today and tomorrow.

Our Core Services Include:

- Security operations center management (available 24x7x365)
- Case Management
- Security event monitoring and analysis
- Optional proactive threat hunting

Our comprehensive range of products and services provides our customers with technology and human intelligence to quickly and accurately identify the most sophisticated malicious activity and initiate protective measures.

Highly Skilled Cyber Analysts

Our extensive experience with mission-critical cybersecurity protection has allowed us to develop a deep understanding of the cyberthreat and its potential impact to mission-critical systems. Protection against these threats

KEY CAPABILITIES

- No hardware/software maintenance
- Scalable offerings
- Lightweight network presence
- **Shared Resources:** Technology, personnel, monitoring facility

24/7/365

flexible support schedules

6

core components of security operations

100

trillion records analyzed to train the machine learning engine resulting in precise identification of behaviors by bad actors



EVERY SIDE OF
CYBER



requires a team of well-trained, highly skilled cybersecurity professionals, equipped with state-of-the-art tools and proven techniques.

Our teams go far beyond simply monitoring alerts for evidence of attack; we seek to understand attacker tactics, techniques and procedures to more reliably identify targeted, persistent and highly sophisticated attacks. This proactive methodology, used by our highest-tier analysts, is referred to as “threat hunting” and uses a combination of proprietary tool sets, threat intelligence analytics and human-driven research and investigation.

Superior Threat Intelligence

Our threat intelligence team curates a proprietary blend of commercial threat intelligence feeds by correlating, enriching and contextualizing a blend of sources, to include commercial feeds,

industry-specific feeds, Raytheon Technologies internal data, government-furnished data and open-source data. This amalgamation of threat intelligence, combined with experienced human analysts, enables us to automate and prioritize investigative and incident response workflows, report generation and other time-consuming tasks. These efficiencies give cycles back to our human defenders to do what they do best — keep pace with evolving threats and develop new ways to identify the newest sophisticated attacks.

Advanced, AI-based Threat Detection and Analysis

The Cybraics nLighten technology uses artificial intelligence, machine learning and over 40 advanced analytics to detect unknown threats. Its automated workflow then gives the alert a severity rating and aggregates malicious

incidents into high-fidelity, actionable cases. The platform, which is simple and fast to initiate, significantly reduces false positives and speeds detection and remediation, allowing analysts to prioritize their work and focus on the threats that present the most potential risk to the environment.

The combination of our industry-leading cyber talent and Cybraics’ groundbreaking technology enables our customers to focus on their core business and leave the cybersecurity concerns to the highly skilled experts.

Our world-class cyber operations expertise, augmented by Cybraics’ AI-based analytic technology, delivers proven results, significantly reducing the mean time to detect and respond to an enterprise breach, minimizing information exfiltration, revenue loss, catastrophic business failure and irreparable damage to reputation, brand and consumer confidence.

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