**Raytheon**

# Managed Detection and Response Services

**Armed with our patented advanced threat detection and analytics technology and proven proactive threat-hunting approach, our team of certified, highly skilled cyber-security experts quickly and effectively identifies, assesses, manages, and responds to advanced persistent threats**

## Benefits

- Reduced direct human labor costs and expenses
- Industry leading dwell-time metrics
- Real-world adversary emulations
- Proven automated threat intelligence analytics, metrics, trending and tracking capability
- 200 percent increase in high fidelity true positives
- Digital forensics and incident response included with every V-SOC
- Technology and data stay resident in client environment

## Problem

Organizations of all sizes, across all industries, are fighting asymmetric cyber battles. Every day, they're faced with attacks from a wide range of adversaries using tactics, techniques and procedures that often slip by platforms relying solely on indicators of compromise. These modern day cyber adversaries are highly skilled, well-funded, elusive, polymorphic and able to bypass legacy security controls and exfiltrate critical data from even the most closely monitored enterprises. To compound the problem, most organizations are understaffed, overwhelmed with alerts and lack the visibility, skills and understanding they need to detect and hunt these advanced cyber threats. The tools and processes they use are often dependent on third-party technology that is behind the curve of advanced threats.

## Solution

Raytheon is transforming the way companies approach threat detection, cyber resiliency and incident response. We've developed a more effective way to engage and combat the challenges presented by the rapidly changing cybersecurity threat landscape.

Raytheon offers a proven, end-to-end, collaborative approach to managed threat detection and response that optimizes cyber resiliency by testing the enterprise with adversary emulation, builds and effective incident response plan and bolster the security operations with proactive threat hunting with focused human oversight and customer threat intelligence for our client's specific industry and enterprise security requirements.

## Technology

Our patented automated threat detection and analytics technology enables us to deliver defense-grade managed detection and response services that focus on advanced threat identification, validation and proactive analyst-driven threat hunting.

As part of our managed service offerings, we leverage our platform which utilizes a vendor-neutral Application Programming Interface and foundations of machine learning to continuously interrogate each client's unique security infrastructure to identify known, unknown and emerging threats combined with enriched security data.

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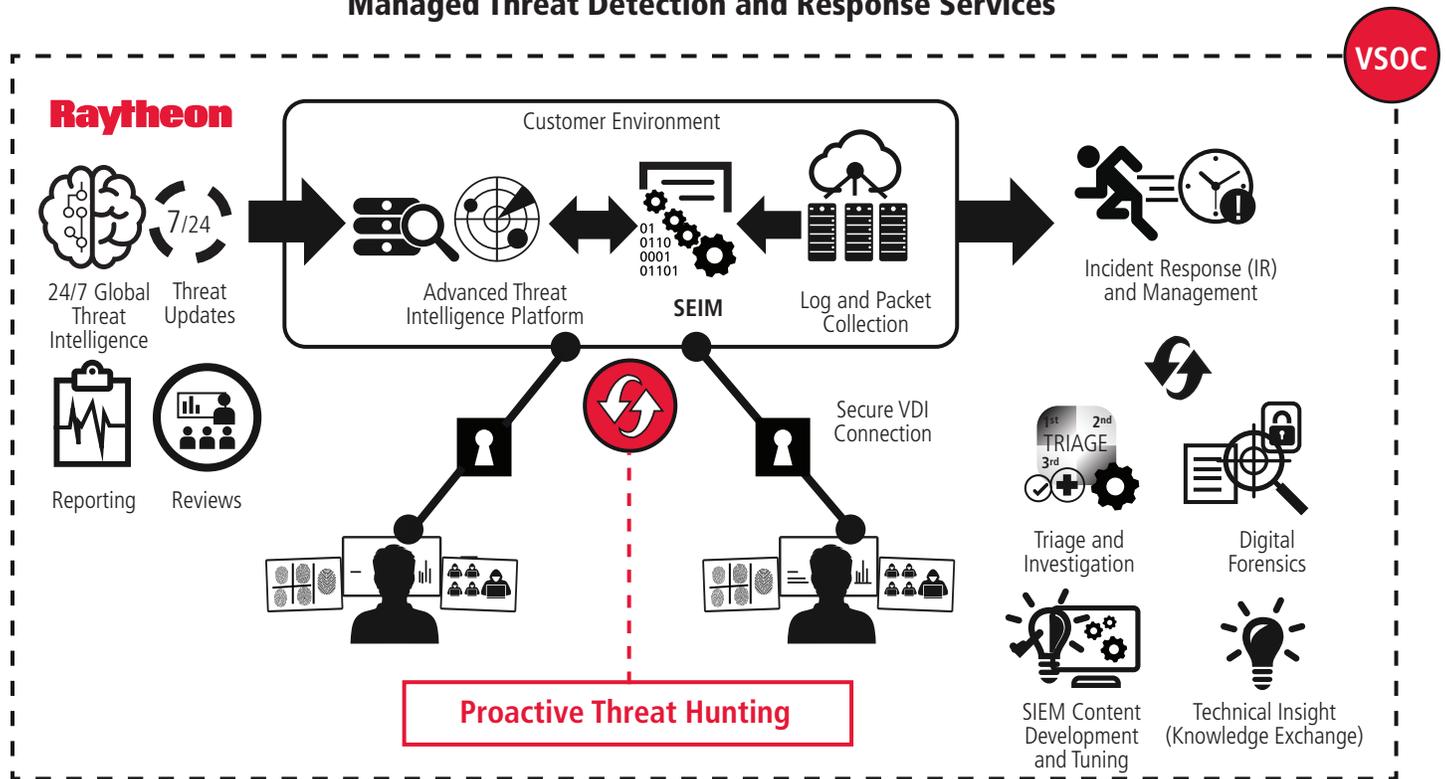


## How it Works

Every client is encouraged to start with either a risk assessment to gather a baseline of their security posture. With detailed insights our analysts build a security road map to get your environment to the top visibility rating, including Security Information and Event Management (SIEM) log sources, network visibility and host visibility to be able to detect advanced threats.

With the proper visibility and insights, our Virtual Security Operations Center (V-SOC) team will integrate our patented technology to perform proactive threat hunting in an automated 24/7 fashion utilizing custom threat intelligence that uses machine learning to pinpoint indicators of compromise that are of the highest risk to your enterprise.  To augment and surpass this indicator of compromise approach, our V-SOC team will build custom content to your industry and business, updating your existing security technologies with insights we have gained across specific verticals and hunting for threats that slip by existing technologies and indicators based on learned behaviors threat actors use to compromise the most well guarded organizations.

These two approaches plus our skilled human hunters will proactively hunt in your environment retaining all client data local to the enterprise, eliminating the concern for unauthorized access to your security information. When proactive threat hunters and our proprietary technology identify a threat, we automatically triage your incidents, validate if they are real and assess the impact to your enterprise so you don't spend wasted cycles performing incident response on false positives. Should you choose, we not only perform all of the initial incident response for you, but we can also go the extra mile by deploying our Digital Forensics and Incident Response team to mitigate the threat and identify root cause of the incident. With industry leading dwell time metrics you can rest assured that we focus keeping exposure of compromise to a minimum by looking for threats that extend past malware and focus on the behaviors of attackers targeting enterprises today.

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**EVERY SIDE OF
CYBER**

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