



# Managed Threat Detection

## A Risk-Based Approach to Security Monitoring

### THE CHALLENGE: IT TAKES ENTERPRISES ON AVERAGE 146 DAYS<sup>1</sup> TO DETECT A CYBER-ATTACK

Recent attacks on high-profile companies have shown that preventive controls alone are not enough to combat the increasingly sophisticated cybersecurity threats. The average cost of a data breach is now more than \$4M and has increased by more than 29 percent since 2013.

The time it takes to detect and respond to threats can have a significant impact on the cost of a security incident. Many organizations struggle with effective threat detection due to challenges such as the vast growth of security logs and data, limitations of SIEM technology, ineffective use of threat intelligence, inability to monitor IoT devices, and shortage of qualified cyber security personnel.

<sup>1</sup> Ponemon Institute – 2016 Cost of Data Breach Study | The Impact of Data Breaches on Reputation & Share Value

### THE SOLUTION: A NEXT GENERATION RISK-BASED CYBER INCIDENT DETECTION AND RAPID RESPONSE SOLUTION

TÜV Rheinland Managed Threat Detection Service aligns and integrates detection and response with your organization's risk management program. Our cloud native solution scales to support massive amounts of security data and provides rapid results. We use behavior anomaly detection to identify known and unknown threats, without having to create pre-defined policies or rules. Our machine learning is enhanced by integrating both our daily global threat intelligence with customer provided threat feeds.

With our Threat Detection Centers; Boston, Frankfurt, and Bangalore, no matter where you're located in the world we have you covered. Our solution provides the certified data protection and assurance to meet your needs; PCI DSS 3.2, ISO 27001, HIPAA, SOC 2 Type II, FIPS-140 level 2, US-EU Safe Harbor, GDPR [will meet the May 25, 2018 deadline].

#### RISK-BASED THREAT DETECTION METHODOLOGY





#### MANAGED THREAT DETECTION SERVICE



#### SERVICE HIGHLIGHTS

- Global 24x7 real-time monitoring and threat hunting service using big data analytics, machine learning, behavior anomaly detection, and threat intelligence.
- Powered by a scalable, cloud-native, analytics platform with data protection and assurance certified to global standards.
- Provides centralized logging and leverages your existing security devices and logs, while extensible through APIs.
- Monitor Enterprise, IoT and OT environments for cyber threats.

#### SERVICE BENEFITS AT A GLANCE

- ✓ Improved detection and response of known and unknown threats reduces the frequency and business impact of security incidents.
- ✓ OPEX monthly investment includes hosted analytics platform, implementation, threat detection services, and support, which reduces the cost of SecOps, compliance, and data protection assurance.
- ✓ Lower operating costs and enable technology integration and automation without requiring proprietary monitoring hardware or agents.
- ✓ Gain visibility into environments that don't generate traditional security log data to reduce risk in technology areas that are increasingly targeted.

#### WHY TÜV RHEINLAND?

- \$2B global leader in independent testing, inspection, certification, and cyber security services.
- Employs nearly 20,000 professionals across 70 countries spanning the Americas, EMEA and APAC.
- More than 10 years of risk management, cloud infrastructure, and cybersecurity testing experience.
- Member of the United Nations Global Compact to promote sustainability and combat corruption.

**CONTACT US TO START YOUR RISK-BASED THREAT DETECTION JOURNEY WITH US.**

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