

Deloitte.



Fusion Managed Services

Addressing the cyber incident life cycle

The cyber **evolution**

As cyber threats grow in number and become increasingly more sophisticated, organizations recognize how difficult it is to manage the complexities. Evolving cyber challenges demand that organizations have the means required to monitor and detect intrusions, uncover new attack vectors, remediate vulnerabilities, and proactively hunt for threat actors, all while protecting their valuable data.

Complicating the landscape, organizations face deficiencies in internal talent while at the same time need to improve process quality and drive technology adoption across their enterprise threat management program.

The convergence of these factors can be supported by working with a managed security services provider (MSSP). But how many MSSPs can provide economies of scale, global cyber experience, and technologically sophisticated solutions across a broad range of managed threat detection, monitoring, response, and data protection capabilities?

Deloitte can.



Why Deloitte's Fusion Managed Services?

Our Fusion Managed Services are designed to provide advanced threat defense through a combination of sophisticated technologies and human intelligence to effectively monitor, detect, investigate, and respond to known and unknown attacks that potentially disrupt your business, all while safeguarding your data. Our industry-specific experience and technology assets bring the depth of knowledge and scale to our Fusion Managed Services.

We work closely with our clients to provide a combination of human insight, technological innovation, and enterprise-grade solutions that positions us at the forefront of managed security solutions globally. By working alongside our clients, combining human intelligence with sophisticated threat monitoring technologies, we enable the proactive detection, analysis, and containment of threats to help them better prepare for, and weather, incoming cyber threats.

Deloitte brings the depth and scale of our managed services model to our clients through effective cyber risk management that comprises more than simple technology deployment.

Our distinctive combination of security operations and incident response know-how provides our clients a consistent experience of enriched and efficient contextualization of incidents based on a unified view of their environment. Our flexible model means we are with you every step of the way to help you solve for the complexity of evolving threats and changing business needs.



Our Fusion Managed Services address **five areas of enterprise threat and data management**

Threat Intelligence

Turning large volumes of disparate data into relevant and actionable intelligence can be a daunting task. This process is complex and time-consuming and exposes your organization to potentially higher risks. Threat Intelligence centralizes collection, storage, and analytics for day-to-day security operations center (SOC) actions, threat hunting, and incident response.

Our analysts orchestrate cyber reconnaissance, specifically designed for your organization, as well as timely and relevant research and reporting to help you take appropriate action. Our analytics inform Deloitte's Fusion teams to identify relevant threats as well as detection and response activities.

Benefits of Threat Intelligence include:

-  Broader context around threats increases accuracy of alerts, reducing time spent on false positives
-  Timely awareness from threat intelligence reporting and research
-  Risk mitigation recommendations
-  Bridging of organizational silos across SOC and threat-hunting teams
-  Integration of threat intelligence feeds
-  Actionable intelligence with targeted industry, company, and adversary profiling

Our Fusion Managed Services address **five areas** of enterprise threat and data management

Attack Surface Management

You can't protect what you can't see. Through Attack Surface Management, we can proactively scan to help you detect vulnerabilities hidden among your IT assets before your attackers can take advantage of those exposed areas. Through asset identification, service fingerprinting, and vulnerability scanning, we help you define specific risk areas, identify high-priority technology and compliance issues, and orchestrate remediation efforts.

Benefits of Attack Surface Management include:

-  Securing IT assets from attackers by addressing gaps identified with penetration testing
-  Prioritizing threats via threat modeling, feeds, and vulnerability scanning
-  Reducing risk of attack through prompt remediation of vulnerabilities
-  Providing decision support and cyber program build-out with risk and performance metrics

Our Fusion Managed Services address **five areas of enterprise threat and data management**

Threat Detection and Response

An effective threat monitoring program doesn't just generate alerts. It provides a detailed picture of the threat environment and offers the operations team insights to help them monitor and protect critical assets. Using your organization's internal data and external sources, our analysts assess, triage, and escalate critical incidents—including targeted attacks and insider threats—around the clock.

Benefits of Threat Detection and Response include:

-  24x7x365 threat monitoring and incident response through automated and manual collection of threat information from different sources, including the dark web and law enforcement
-  Intelligent incident response including triage, command-center coordination, and forensic investigation
-  A closed-loop process from incident detection and investigation to response, including prescriptive remediation recommendations
-  Ability to align SOC capabilities with business requirements to help address your organization's cyber challenges

Our Fusion Managed Services address **five areas of enterprise threat and data management**

Threat Hunting

Not all threats are created equal. Many are effective at evading traditional detection methods. The resulting increase in dwell time can enable attackers to access a treasure trove of your organization's proprietary information. We specifically designed Threat Hunting to uncover potentially undetected threats, investigate and triage their potential effects, and help remediate them in a timely manner. Our highly experienced threat-hunting teams actively seek out new attack patterns to identify new undetected threats.

Benefits of our Threat Hunting services include:

-  Reducing risks of malicious activity using malware detection
-  Detecting and responding to advanced threats
-  Providing detailed and actionable forensic investigation reports
-  Integration with threat monitoring and threat intelligence

Our Fusion Managed Services address **five areas of enterprise threat and data management**

Data Protection

As data have become more valuable, voluminous, and vulnerable, challenges with safeguarding strategic data have outpaced many organizations' skills, knowledge, and technologies. Data Protection can help your organization detect and take action against accidental or intentional data exfiltration and misuse, including oversharing and transfer of valued data to personal cloud accounts. Adopt a new, more structured approach to addressing data risk challenges including endpoints, premises, and cloud environments.

Benefits of Data Protection include:



Business-focused results by aligning program priorities with the value of data throughout their life cycle, applying leading practices, and translating requirements into action



Faster time to value with rule sets specific to your industry and regulatory requirements



Alert handling and rule-set tuning by experienced professionals focused on continuous program improvement



Monitoring and managing application health, including tracking, testing, and deploying software updates



Risk-based reports, including trends, to support your data risk program

Cybersphere: Always on, always ready

Deloitte's Cybersphere is a brand-new, state-of-the-art, 25,000+ square-foot destination for exploring your most pressing cyber challenges; creating and testing the security of tomorrow's Internet of Things (IoT) innovations; and gathering to learn, share, and define a path forward for your organization, employees, customers, and beyond.

Our Fusion Managed Services are primarily delivered from the Cybersphere Watch Floor in Washington, DC, the bedrock of our Fusion Services. The Watch Floor is a threat monitoring and reconnaissance powerhouse where our experienced professionals work 24/7 with our other centers around the globe to help clients monitor for cyber "storms" on the horizon so that they are better prepared to respond to industry-specific threats—in a timely manner.

How clients can benefit from our experience:

- 1 Domain knowledge in cyber and enterprise-wide threat management, led by skilled practitioners with in-depth SIEM development, SOC operations, data protection, and threat-monitoring experience
- 2 An end-to-end solution that combines sophisticated monitoring technology and human intelligence to provide our clients with greater threat visibility and insights to respond in near real time
- 3 A powerful technology platform that uses advanced analytics, artificial intelligence, machine learning, and natural language processing to increase threat-detection rates and reduce false positives and negatives through automation and orchestration
- 4 Strong alliances with many industry, law enforcement, and research entities to provide actionable intelligence and mitigation strategies (including countermeasures for our clients)

Strength in numbers

2,600+

cyber risk engagements in
2018 across all major industries

4,000+

cyber risk practitioners
serving US clients

2,000+

data risk practitioners with more
than 200 practitioners focused on
data privacy and protection

1,400+

Certified Information Systems
Security Professionals (CISSPs) across
the Deloitte & Touche Tohmatsu Limited
(DTTL) network of member firms

1,50+

Certified Information Privacy
Professionals (CIPPs) across the
DTTL network of member firms

21,000+

risk management and security
professionals across the DTTL
network of member firms

Let's talk

Kent Cinquegrana

Managing Director, Fusion Managed Services Leader

Deloitte Risk and Financial Advisory

Deloitte & Touche LLP

kcinquegrana@deloitte.com

Andrew Morrison

Principal, Strategy, Defense & Response Leader

Deloitte Risk and Financial Advisory

Deloitte & Touche LLP

anmorrison@deloitte.com

Stephen Mahar

Sales Executive

Deloitte Services LP

smahar@deloitte.com

Deloitte.

This publication contains general information only and Deloitte is not, by means of this publication, rendering accounting, business, financial, investment, legal, tax, or other professional advice or services. This publication is not a substitute for such professional advice or services, nor should it be used as a basis for any decision or action that may affect your business. Before making any decision or taking any action that may affect your business, you should consult a qualified professional advisor.

Deloitte shall not be responsible for any loss sustained by any person who relies on this publication.

As used in this document, "Deloitte" means Deloitte & Touche LLP, a subsidiary of Deloitte LLP. Please see www.deloitte.com/us/about for a detailed description of our legal structure. Certain services may not be available to attest clients under the rules and regulations of public accounting.

© 2020. For information, contact Deloitte Touche Tohmatsu Limited.