SOLUTION BRIEF

esCLOUD

Critical visibility. Rapid response. Transform to the cloud with confidence.

Transform with confidence

Assess risks, identify gaps and establish measurable benchmarks that support continuous business innovation.

Adapt without resource restrictions

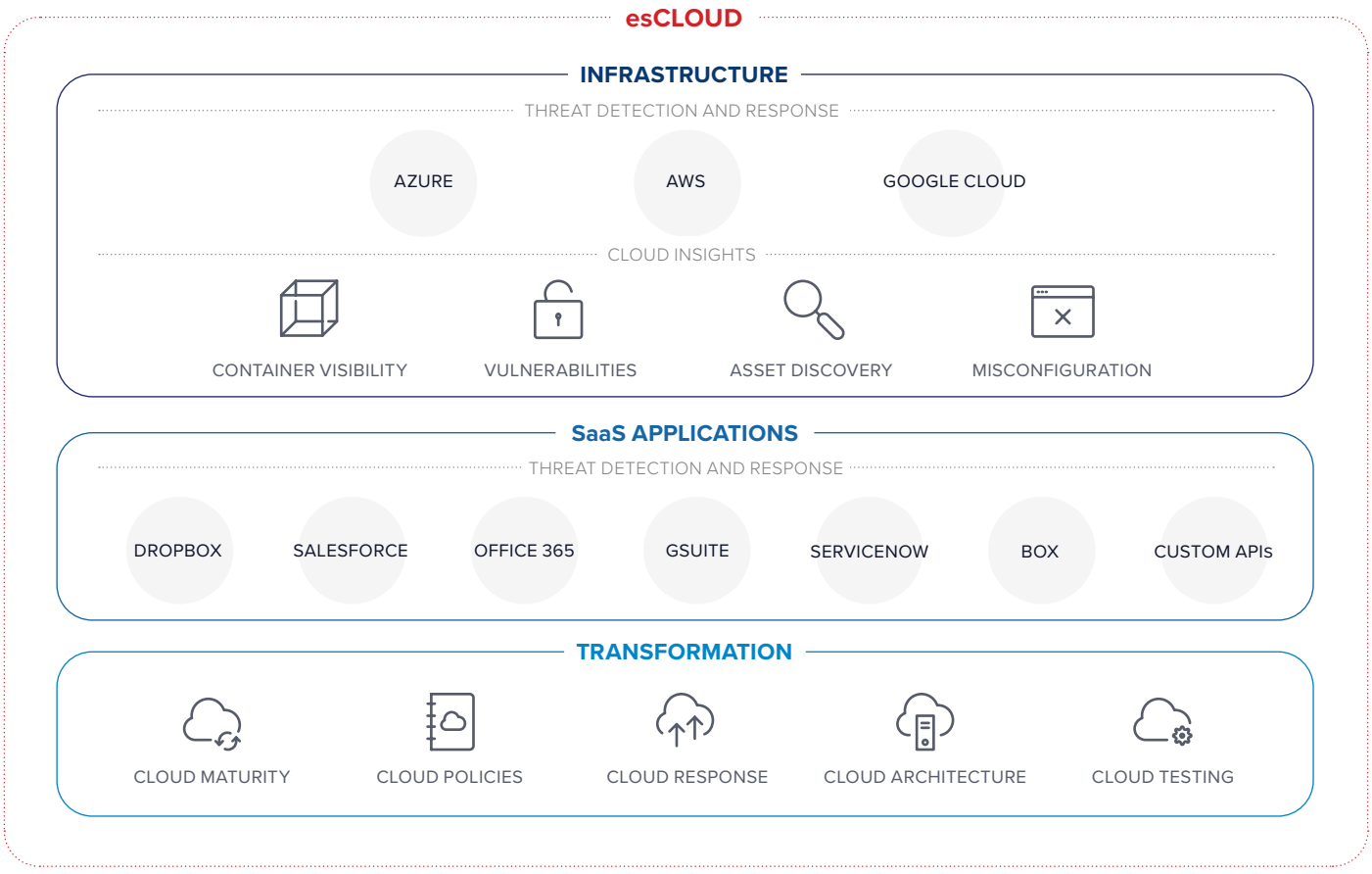
Reduce complexity, alleviate resource constraints with dedicated experts that align to shared security responsibility and regulatory requirements.

Hunt threats without limitations

Identify expected and unexpected risks with 24x7x365 integrated threat hunting augmented by machine learning capabilities.

Respond wherever workloads reside

Quickly contain cyberattackers with integrated response facilitates co-remediation and root cause determination.



FEATURES

SECURE CLOUD TRANSFORMATION

Future-Proof Cloud Maturity
Advisory experts assess cloud security maturity against industry leading frameworks and business objectives plotting a course for measurable improvement in cybersecurity resiliency across security policies, architecture and incident response planning.

Comprehensive Risk Identification
Simulated cyberattackers test the efficacy of your cloud prevention, detection and response capabilities with detailed findings and recommendations for increased cybersecurity resiliency.

FULL SPECTRUM CLOUD VISIBILITY

WORKLOADS

Infrastructure
Integrates with your AWS, Azure and GCP environments, providing a comprehensive view into potential malicious activity.

Applications
Collects and analyzes data with searchable trails of user activity, empowering unmatched anomaly detection that protects sensitive data and applications.

Extensive Integrations
Provides visibility across an extensive library of cloud-based applications and technologies, including Office 365, Salesforce, GSuite, ServiceNow, Dropbox, Box, Duo, Okta, Docker, Kubernetes, Zscalar, and more.

INSTANCES

Endpoint Prevention
Predictive models continuously adapt and harden endpoint defenses to better identify and automatically block known, unknown and fileless attacks against cloud-based endpoints.

Endpoint Detection and Response
Eliminates endpoint blind spots by watching and recording every activity and investigating potentially malicious signals leveraging proprietary attack pattern and behavioral analytics.

INSIGHTS

Vulnerability Management
Continuously identifies vulnerabilities across your cloud assets with expert analysis and guidance that facilitates tracking, prioritization and remediation of risk.

Dynamic Asset Tracking
Pinpoints the true identity of every resource in your cloud environment, enabling end-to-end identification and tracking of all assets in your cloud environment including shadow IT and unauthorized usage.

Misconfiguration Identification
Monitors system, database and application configuration change management processes utilizing best-in-class benchmarks, such as CIS and DISA STIG.

Container Security
Provides end-to-end visibility and monitoring of container images, enabling seamless and secure DevOps production.

THREAT DETECTION AND RESPONSE

Machine Learning Integration
Machine learning and predictive analytics make sense of expected and unexpected behavior across your environment with pattern, anomaly and outlier detection accelerating investigation of potential threats.

Embedded Hunting and Investigation
Embedded human threat hunting teams investigate suspicious activity across your cloud environments, eliminating false positives that facilitate rapid detection and response of even the most elusive of threat actors.

Threat Containment and Full Remediation Support
Locks down and isolates threat actors preventing lateral spread and business disruption. Integrated response experts provide analysis detailing root cause determination with full remediation support that hardens your cloud environment against future attack.

CO-MANAGED ACCESS AND CUSTOMIZED REPORTING

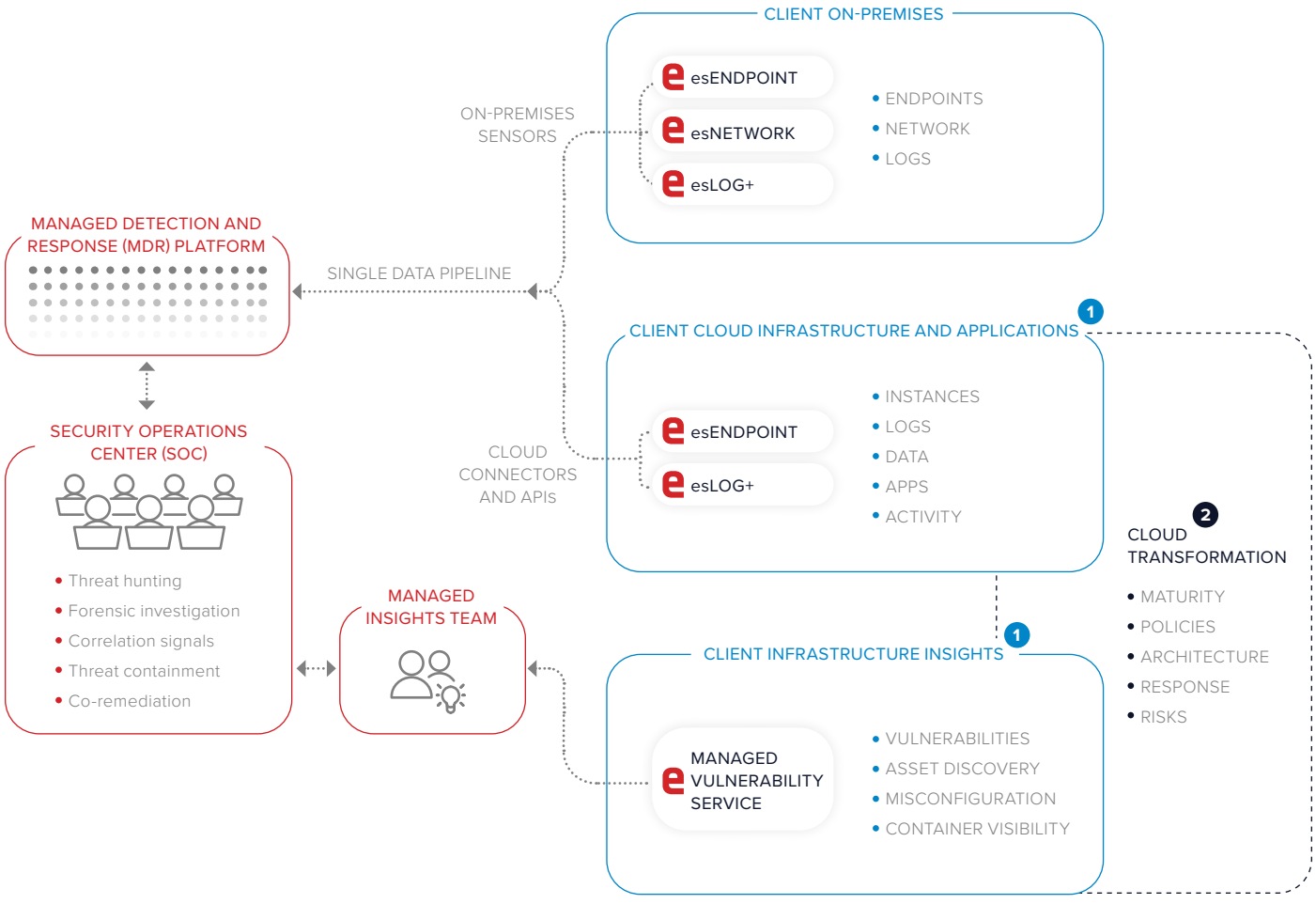
Co-Managed Access
Co-managed model with access to run your own advanced search queries, generate alerts, manage profiles, run reports and investigate events alongside our SOC analysts.*

Real-Time Search and Visualizations
Preconfigured and customizable searches and dashboards with KPIs, giving our SOC analysts and your security team visibility into abnormal behaviors illuminating what matters most.

Compliance Management Reporting
Ensures compliance mandates are met with centralized logging, continuous monitoring and automated retention policies with various out-of-the-box and custom security reports that meet regulatory requirements such as HIPAA, PCI, SEC, GDPR and more.

**Managed Vulnerability Service and esLOG+ only*

HOW DOES IT WORK? WHAT DOES IT SOLVE FOR?



1 Critical visibility with integrated threat detection and response across:

- Cloud assets
- Misconfigurations
- Containers
- Vulnerabilities
- Malware and ransomware
- Unauthorized access
- Insecure interfaces/APIs
- Hijacking of accounts
- Malicious insiders
- Rogue usage
- Data sharing
- Exfiltration

2 Maturation of cloud security:

- Strategy and roadmap
- Risk management
- Policies and governance
- Operations
- Information management
- Architecture
- Response procedures

SHARED RESPONSIBILITY ALIGNMENT

Shared Responsibility Model		
IaaS (INFRASTRUCTURE-AS-A-SERVICE)	**PaaS** (PLATFORM-AS-A-SERVICE)	**SaaS** (SOFTWARE-AS-A-SERVICE)
Cloud Security Program, Policies, Architecture and Response		
User Access	User Access	User Access
Data	Data	Data
Applications	Applications	Applications
OS	OS	OS
Network Traffic	Network Traffic	Network Traffic
Hypervisor	Hypervisor	Hypervisor
Infrastructure	Infrastructure	Infrastructure
Physical	Physical	Physical

Client Responsibility

Cloud Provider Responsibility

esLOG+

Managed Vulnerability Service

Cloud Transformation

esENDPOINT

Managed Endpoint Defense

MAKE THE CASE FOR esCLOUD

Protecting your cloud environment requires large investments across staff, operational tools, implementation, maintenance and technology. Constrained budgets spread across the entirety of the cybersecurity function leave most small and medium businesses (SMBs) with inadequate investment to monitor and manage threats across growing cloud workloads. Deployed and operational in a fraction of the time and cost versus a do-it-yourself (DIY) model, esCLOUD grows with your cloud environment, mitigating cloud risk with critical insights and 24x7x365 threat detection and response. In addition, esCLOUD extends to on-premises monitoring and infrastructure insights enabling protection across hybrid environments at little to no additional cost.

ALLEVIATES RESOURCE CONSTRAINTS

	eSentire
Provisioning of technologies	✓
Onboarding and implementation	✓
Platform management and ongoing refinements	✓
Situational awareness of each client environment	✓
Contextual threat tuning	✓
Threat intelligence integration	✓

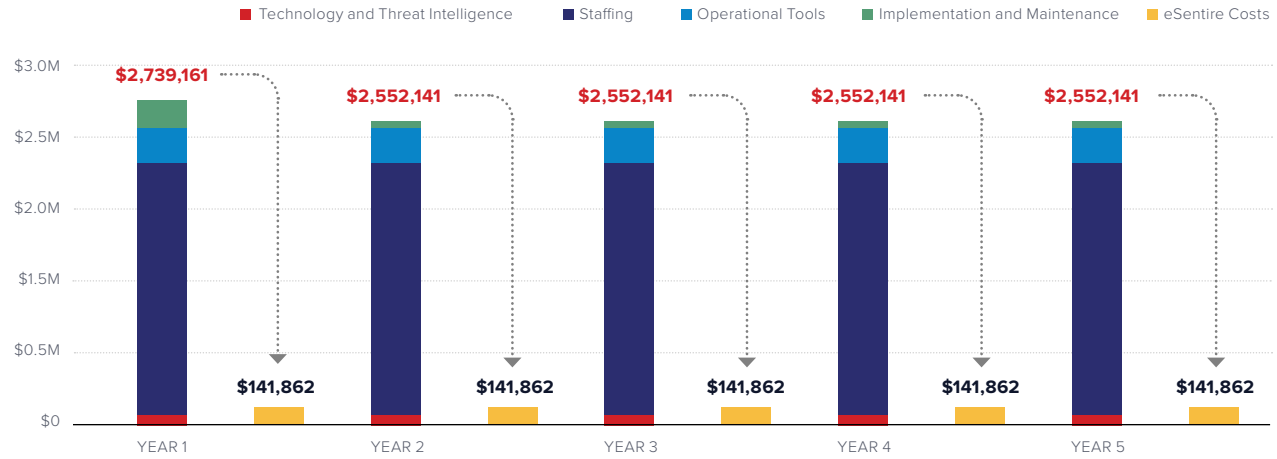
ALLEVIATES RESOURCE CONSTRAINTS (CONT.)

	eSentire
24x7x365 threat monitoring*	✓
Cloud insights management and discovery (vulnerability, misconfiguration, container and asset)**	✓
Dedicated cloud insights management**	✓
Threat hunting	✓
Forensic investigation	✓
Event management/false positive reduction	✓
Alerts	✓
Remediation guidance	✓
Remote managed threat containment***	✓
Hands-on remediation and implementation of network changes	✗
Co-remediation	✓
Confirmation of post-event hardening	✓
Monitor for reentry	✓
Co-managed access to platform and technologies****	✓
Reporting	✓

**esENDPOINT & esLOG+ Only*
***Managed Vulnerability Service*
****esENDPOINT Only*
*****Managed Vulnerability Service and esLOG+*

PROVIDES CLOUD COVERAGE AT A FRACTION OF DIY COST

Figure 1 represents an example cost comparison yielding, on average, an 18x reduction versus do it yourself (DIY) models.



** DIY 24x7 SOC Cost Components: Technology includes Next-Gen AV + EDR (400 endpoints), Scanning of 400 IPs, SIEM with 7 G/B Daily Throughput and 2 Threat Intel Feeds. Staffing covers 12 SOC Analysts, 1 SOC Manager, 3 Intelligence Analysts, 1 Intelligence Manager, 1 Network Security Engineer, 1 Network Security Administrator. Operational Tools include workflow/automation/orchestration, investigation tools, response tools and threat management.*
*** eSentire pricing reflects MSRP. Actual pricing will vary by customer and environment.*

BUSINESS BENEFITS

- Aligns business objectives, risk and cloud security strategy
- Securely enables acceleration of cloud adoption
- Promotes cloud security awareness with effective resource allocation
- Improves business-resiliency against real-world cloud attacks
- Lowers total cost of ownership
- Extends threat visibility across cloud-based environments
- Accelerates response time preventing business disruption
- Meets and exceeds compliance requirements

NEXT STEPS

esCLOUD Infographic

Managed Vulnerability Service: Cloud Insights

eSentire Managed Detection and Response for Amazon Web Services (AWS)

eSentire Managed Detection and Response for Office 365

eSentire, Inc., the global leader in **Managed Detection and Response (MDR)**, keeps organizations safe from constantly evolving cyberattacks that technology alone cannot prevent. Its 24x7 Security Operations Center (SOC), staffed by elite security analysts, hunts, investigates and responds in real-time to known and unknown threats before they become business disrupting events. Protecting more than $5.7 trillion AUM in the financial sector alone, eSentire absorbs the complexity of cybersecurity, delivering enterprise-grade protection and the ability to comply with growing regulatory requirements. For more information, visit **www.esentire.com** and follow **@eSentire**.