



# ConvergeSECURITY by Deloitte and AWS

The power of AWS technology combined with the cyber capabilities of Deloitte



## Challenges

Cybersecurity and resilience are business imperatives

The cost of cyber incidents is increasing, threatening business viability. Regulation is also on the rise, and skilled talent is hard to find. Together, these challenges make threat detection, prevention, and cyber resilience board-level issues, including:

- **Limited visibility into security threats.** Identifying and unifying data across a complex digital estate is challenging with data silos impacting response orchestration and proactive threat management.
- **Reliance on highly manual processes.** Chasing false positives, filtering data from dozens of tools, and reporting on status through highly manual processes results in inefficiencies and can be compounded by human error.
- **High cost of incidents.** Slow coordination across security teams and limited ability to rapidly recover key business operations can cost the business directly in terms of downtime, reputation, and fines.
- **Global cyber talent shortages.** There aren't enough cyber professionals to go around; and with security programs highly dependent on manual effort, these gaps can result in serious risk to an organization's ability to manage, detect, respond, and recover from threats



## ConvergeSECURITY

We don't just help plan for the next attack—we help you prevent it

ConvergeSECURITY is part of the AWS Global Partner Security Initiative and offers a comprehensive cybersecurity solution that supports safe and secure cloud transformation. It brings together artificial intelligence (AI)-enabled cloud security and compliance solutions, consulting expertise, and tailored resources, to offer end-to-end threat management, detection, response, and recovery at the enterprise level. With ConvergeSECURITY, organizations can take advantage of the flexibility, scalability, and cost benefits of a cloud-enabled IT infrastructure, while having a complete, integrated, and cohesive set of cybersecurity services.



### Eliminate data silos

Amazon Security Lake (ASL) is the underlying technology that solves the siloed data challenge across the digital estate. ASL delivers out-of-the-box data integration of dozens of security ISV products, helping you better leverage your security data.



### Get actionable insights

Amazon Bedrock Generative AI and Deloitte Cyber Analytics and AI Engine deliver quality data and actionable insights that reduce risk and enable a high level of automation to accelerate response and recovery. Advanced AI is the only way to analyze more data, faster, and effectively operationalize intelligence.



### Anticipate and prevent attacks

An integrated security approach, also called a security flywheel, enables sophisticated threat detection analytics fed by high-quality, shared multi-lateral data from trusted sources. As more organizations contribute data, the effectiveness of analytics and machine learning increase, generating more accurate and sophisticated threat detection to anticipate and ultimately prevent attacks that may be trending across industry or sector.



### Rapid response and recovery

Autonomous resilience enables rapid recovery, making decisions before problems escalate. Access to specialist resources and resiliency plans improve preparation and response to support minimum business viability and minimize the impact on your business and reputation.

## End-to-end security

Each element of ConvergeSECURITY works natively on AWS enabling enterprises to realize value quickly and accelerate cloud initiatives and digital innovation. The transparency and real-time visibility it provides can also give you confidence in your security posture and peace of mind throughout your digital transformation.



### Managed Extended Detection and Response (MXDR)

Safeguard your enterprise with MXDR by Deloitte as your fully managed cybersecurity solution. Deloitte's experienced specialists operate your security with a powerful combination of market-leading Software-as-a-Service-based threat hunting, detection, response, and remediation capabilities. Deloitte specialists are trained to pursue and respond to threats before they become attacks, minimizing the impact to your business.



### Incident response and recovery

Embed trust across customers, businesses, and partners with efficient and effective cyber incident management. Deloitte incident response and recovery capabilities help you prepare for, respond to, and recover from cybersecurity incidents, safeguarding data, systems, and reputation. With deep industry knowledge and market-leading technology, we empower cloud transformation for lasting resilience.



### Cyber Analytics and AI Engine (CAE)

Generate higher quality insights with Deloitte's Advanced CAE. The CAE module ingests MXDR generated telemetry for hunting, incident response, and analytics using AI. Operated by experienced professionals, CAE builds asset visibility and alerting, helping you meet your desired cyber outcomes.



### Cyber Cloud Managed Services (CCMS)

Accelerate your journey on the AWS cloud with Deloitte CCMS, a cloud security service that provides 24/7 security monitoring and protection for essential resources. Gain peace of mind knowing that security is built in from day one, enabling faster cloud transformation.

## ConvergeSECURITY in action



### Challenges

A multinational hospitality company sought to embed security at the heart of its digital transformation efforts. To do that, the organization needed guidance on how to improve cybersecurity data management efficiencies and enable advanced analytics. The goal was finding a cloud-native solution that rationalized and integrated data to improve enterprise security monitoring.



### Solution

Embedding security requirements from initial design to automation, Deloitte helped the company establish an initial operating capability data lake platform built in AWS with a modular design. The solution went beyond on-prem applications and applied security automation across the company's cloud environments.



### Results

- 1 Improved migration of data from a range of current-state platforms.
- 2 Developed a solution to support net-new security analytic use cases.
- 3 Efficient, cost-effective data collection, migration, analytics, and integration across the digital estate.
- 4 Cloud-native AWS solution to replace and augment the current log, storage, search, and analytics solution set.

Get started with **ConvergeSECURITY** by Deloitte and AWS:  
[www2.deloitte.com/us/convergesecurity](http://www2.deloitte.com/us/convergesecurity)



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