CASE STUDY

"At COE Security, we build, operate, and transfer world-class security solutions, empowering businesses with resilience and trust."

Joseph Henderson

COE SECURITY LLC

USA | BRAZIL | UAE | INDIA

CASE STUDY

SECURING THE CLOUD: COE'S CLOUD SECURITY CONSULTING FOR A GLOBAL LOGISTICS LEADER

COE SECURITY

Measurable Impact Our Security in Numbers

- 1,500+ Global Engagements
- 95% Client Satisfaction
- 10+ Years of Cybersecurity Excellence
- 15K+ Critical Vulnerabilities Identified
- 1M+ Security Incidents Managed
- $350M+ Costs Saved
- $2.5B+ Transactions Secured
- 24/7/365 Threat Monitoring & Response
- Proactive Threat Hunting
- Cutting-Edge Security Technologies
- Dedicated Security Advisors
- Zero-Day Exploit Mitigation
- Incident Response Planning & Execution
- Security Awareness Training
- Customizable Security Solutions

Client Profile

Our client is a multinational logistics enterprise with 15,000+ employees and operations across 30 countries. The organization had recently transitioned its core infrastructure to a hybrid cloud model using AWS and Microsoft Azure. Triggered by multiple third-party audit findings and internal compliance concerns, the client engaged COE Security to evaluate and strengthen its cloud security posture.

Challenges Faced

Key security concerns included:

- Lack of visibility into multi-cloud environments
- Over-permissioned identities and misconfigured IAM policies
- Unprotected data storage buckets and publicly exposed assets
- Ineffective cloud governance and compliance tracking

Solution

COE Security implemented a tailored Cloud Security Consulting Program, combining:

1. Cloud Posture Assessment: Comprehensive review of existing configurations, IAM policies, and network security groups
2. CSPM Integration: Deployed Cloud Security Posture Management tools for continuous monitoring
3. Zero Trust Design: Developed and implemented a zero-trust model for identity and access
4. Compliance Alignment: Mapped and remediated controls to align with ISO 27017 and CIS Benchmarks

We're Hiring!

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Compliance & Regulatory Mastery

- ISO 45001
- HIPAA & HITRUST
- NIST & NIST 800-171
- ISO 27001
- PCI DSS
- CMMC
- CIS Controls
- SOC 2
- CCPA & NYDFS
- EU CRA
- FedRAMP
- GDPR
- UK Cyber Essentials
- Essential Eight - Australia

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Cloud Risk Reduction and Hardening

- Audited 200+ cloud assets across AWS and Azure
- Remediated 100% of S3 buckets with public access
- Identified and fixed 85% of misconfigured IAM roles within 30 days
- Established workload segmentation and network security rules
- Enabled cloud-native firewall logging and real-time alerts

Governance, Strategy, and Readiness

- Developed a unified Cloud Security Governance Framework
- Created policies for workload isolation, least privilege, and data residency
- Implemented automated tagging and asset classification policies
- Delivered a cloud security runbook with incident response playbooks

COE Cloud Security Consulting Service Portfolio

- Cloud Security Posture Assessment
- Cloud Architecture Review
- IAM and Identity Federation Audits
- Zero Trust Implementation
- Data Protection & Encryption Strategy
- Multi-cloud Security Governance
- Cloud Penetration Testing
- Container & Kubernetes Security Review
- Compliance Alignment (ISO, SOC2, CIS)
- CSPM & SIEM Integration Services

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Our Cybersecurity Arsenal: Beyond Protection- We Build Resilience

- Application Penetration Testing (Thick/Thin)
- Mobile Application Penetration Testing
- API Penetration Testing
- Network Penetration Testing
- Operational Technology Security Testing
- Cloud Penetration Testing
- AI & LLM Security Audit and Pen Testing
- Red Teaming & Social Engineering Services
- Product & Hardware Penetration Testing
- IoT Security
- Security Operations Center Services (24/7)
- Custom Security Services

Implementation Details

- Deployed Prisma Cloud and AWS Security Hub for CSPM coverage
- Integrated cloud logging and alerting into client's existing SIEM (Splunk)
- Conducted workshops for 5 DevOps teams on secure cloud practices
- Delivered detailed remediation documents and secure-by-default templates
- Enabled continuous compliance reporting via dashboards and alerts

Results Achieved

- 93% reduction in cloud misconfigurations across all regions
- Full visibility across AWS and Azure environments in under 3 weeks
- ISO 27017-aligned controls implemented within 60 days
- Cloud security maturity score improved from 2.0 to 4.1

Client Testimonial

"COE Security's cloud security expertise brought immediate improvements to our security posture. Their team helped us regain control of our environments and embed security into our cloud transformation journey."

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Industries We Protect with Cutting-Edge Security

- Financial Services
- Healthcare
- Retail
- E-commerce
- Government
- Cryptocurrency
- Blockchain Technology
- Automotive
- Transportation/Logistics
- Energy & Utilities
- Hospitality/Tourism
- Entertainment/Media
- Manufacturing
- Education
- Telecommunications
- HiTech & Information Technology

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COE Security LLC

COE Security is a leading cybersecurity services provider, offering comprehensive solutions to address the evolving threat landscape. We have a proven track record of helping organizations of all sizes mitigate risks, strengthen defenses, and recover from cyberattacks. Our team of experienced cybersecurity professionals possesses deep expertise in the latest technologies and best practices, enabling us to deliver tailored solutions that meet your unique security needs.

"Peace of mind in a world of cyber threats. That's what we deliver."

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