



CLIENT CASE STUDY

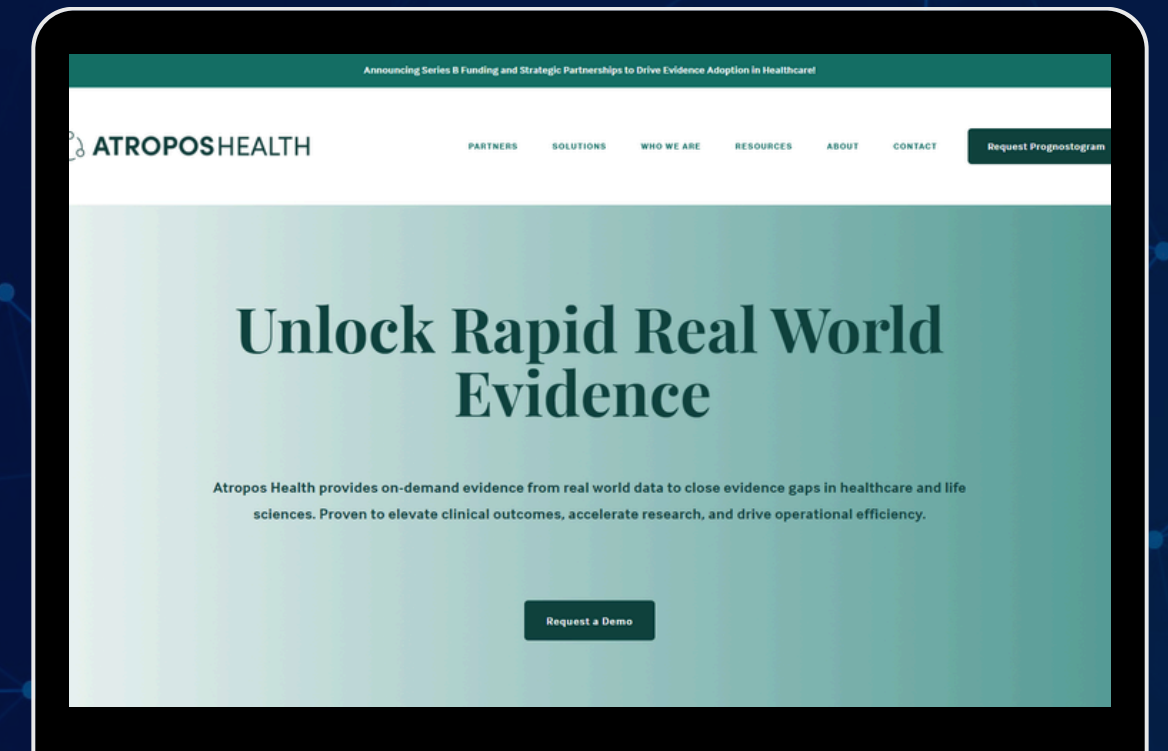
Atropos Health

Gamma Force vCISO's helped Atropos Health establish a HIPAA compliant security and privacy program with a SOC 2 audit, which aligned to Atropos Health's market expectations while building the right security capabilities at the right time that can scale with their company. Additionally, Gamma Force's expert strike teams helped migrate from managed infrastructure to a cloud native architecture improving speed to market and reducing ongoing operating costs for their technology platform.



Rehan Chawdry
VP of Engineering

gammaforce.io



Atropos Health provides on-demand evidence from real world data to close evidence gaps in healthcare and life sciences. Proven to elevate clinical outcomes, accelerate research, and drive operational efficiency.

**UNLOCK RAPID REAL
WORLD EVIDENCE**

THE CHALLENGE

Atropos Health Main Challenge

“As we were looking to commercialize, we needed someone who really understood the security space well, specifically around the health tech industry. Gamma Force and Warner, not only offered the security guidance we needed but also had people on staff who could do things like set up a secure network in AWS and ensure it complied with HIPAA guidelines. Your assistance in writing policy documents, working with auditors, and coordinating with internal stakeholders was critical.”



Rehan Chawdry
VP of Engineering

- Small internal team with limited DevOps and cybersecurity expertise.
- Transitioning from managed physical infrastructure to a cloud-native environment.
- Leveraging advanced DevOps practices on Amazon Web Services (AWS).
- Establishing a HIPAA-compliant security and privacy program.
- Completing their first SOC 2 audit to help bring on new customers.





CLIENT



REHAN CHAWDRY

VP  Engineering



Warner Moore

Founder of GammaForce.io



THE SOLUTION

Gamma Force and Atropos Health Partnership

Gamma Force provided comprehensive support through vCISO expertise and an cloud engineering strike team, focusing on:

Embracing DevOps Culture and Practices

- 01 Gamma Force embedded in the Atropos Health team, embracing DevOps culture and practices to drive the security strategy helping with execution across security program management as well as cloud and security engineering.

Cloud and Cybersecurity Engineering

- 02 Migrated Atropos Health's infrastructure to AWS, set up AWS accounts, VPCs, and secure access workspaces.

Security and Compliance Program

- 03 Established a HIPAA-compliant security and privacy program. Implemented Hyperproof, a Governance, Risk, and Compliance (GRC). Guided the organization through the SOC 2 audit preparation



Warner Moore
Gamma Force, Founder & vCISO

THE SOLUTION

1. Embracing DevOps Culture and Practices

GAMMA FORCE'S ENGINEERS BUILD INNOVATIVE CAPABILITIES UTILIZING DEVOPS CULTURE AND PRACTICES FOR CLOUD NATIVE COMPANIES, MAKING THEM UNIQUELY QUALIFIED TO ADDRESS ATROPOS HEALTH'S CHALLENGES.

- **Ongoing Collaboration:** Engaged in weekly meetings and Slack with Atropos Health's cross-functional team to coordinate on building the security program and engineering cloud-native security solutions.
- **Operational Embedding:** Embedded team members within Atropos Health's existing teams, participating in planning sessions, customer assessments, contract reviews, and other routine activities, thus enhancing collaboration and speeding sales cycles.
- **Empowering Teams:** Gamma Force ensured that Atropos Health's team had the best tools and practices at their disposal, enhancing productivity and efficiency, while leveraging scalable, flexible infrastructure to reduce costs and speed up market delivery. Automation freed the team to focus on their product, enabling more effective resource allocation for further growth.

GAMMA FORCE DELIVERY:

Atropos Health achieved a secure, scalable, modernized infrastructure and transitioned to a cloud-native environment using cutting edge DevOps culture.





THE SOLUTION

2. Cloud and Cybersecurity Engineering

GAMMA FORCE EXCELLED IN TRANSITIONING ATROPOS HEALTH'S INFRASTRUCTURE TO A CLOUD-NATIVE ENVIRONMENT, ENSURING A SMOOTH MIGRATION AND IMMEDIATE OPERATIONAL BENEFITS.

- **Built AWS:** Migrated Atropos Health's infrastructure from managed physical setups to AWS, incorporating services such as AWS Workspaces, Elastic Kubernetes Service (EKS), and Relational Database Service (RDS).
- **Automation and Efficiency:** Using GitHub for version control and Terraform for infrastructure as code, enhancing automation and operational efficiency.
- **Cost Reduction:** Following the AWS Well-Architected Framework, this migration reduced infrastructure expenses by over 50%, also enabling faster product and technology changes.

GAMMA FORCE DELIVERY:

Atropos Health obtained significant cost reduction, increased operational efficiency, faster product and technology changes, and a scalable, secure cloud-native infrastructure.





THE SOLUTION

3. Security and Compliance Program

GAMMA FORCE ESTABLISHED A COMPREHENSIVE SECURITY AND COMPLIANCE PROGRAM, ENSURING ATROPOS HEALTH MET ALL REGULATORY REQUIREMENTS.

- **HIPAA Compliance:** Developed a robust security and privacy program that adhered to HIPAA regulations, ensuring healthcare data protection.
- **Automated Compliance:** Implemented Hyperproof, a Governance, Risk, and Compliance (GRC) tool, to standardize processes and automate evidence collection, streamlining audit procedures reducing operational overhead.
- **SOC 2 Audit Preparation:** Provided extensive support for SOC 2 audit preparation, including policy development, stakeholder coordination with establishment of control owners, and direct auditor engagement. This ensured Atropos Health met stringent data security standards with a supporting SOC 2 report.

GAMMA FORCE DELIVERY:

Atropos Health obtained HIPAA compliance, efficient audit readiness, enhanced security posture, operational efficiency, and improved market competitiveness.



THE RESULTS

Key Results Achieved by Atropos Health

- **Cost Reduction:** Successfully migrated infrastructure to AWS, reducing infrastructure costs by over 50%.
- **Operational Efficiency:** Enhanced operational efficiency through the implementation of AWS, automation tools like Terraform, and streamlined processes.
- **Regulatory Compliance:** Established a HIPAA-compliant security and privacy program and prepared for a successful SOC 2 audit, meeting stringent data security standards.
- **Audit Readiness:** Automated compliance processes with Hyperproof, ensuring efficient and reliable audit readiness.
- **Enhanced Security:** Improved overall security posture, protecting sensitive patient data and meeting industry standards.
- **Scalability:** Enabled a scalable cloud-native infrastructure that supports growth and innovation, allowing for faster product and technology changes.
- **Market Competitiveness:** Increased market competitiveness by demonstrating robust security and compliance capabilities, fostering trust with partners and clients.
- **Resource Optimization:** Increased capacity on internal teams through ongoing cloud and cybersecurity engineering, allowing their focus on strategic growth initiatives.





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