



Building **Most Secure & Cyber Resilient** Data Platform on Public Cloud

SUCCESS STORY | CLOUD & SOC

Business Need



CLIENT

Large Oil & Gas Company in India | Fortune 500 Company

To Build a Most secure & Cyber Resilient public cloud environment for a common data platform of gas subscribers and Provide Managed Cloud & SOC service. Eventually, this large data platform (serving more than 300 million subscribers) requires handling data related to LPG connection details across the industry and the “Domestic” market segment, along with customer PII data, including customer Aadhaar.

This consolidated platform containing LPG consumer information would serve to

- Centralize subsidy eligibility checks
- Minimize subsidy leakage and fraud
- Secure the platform from all possible cyber threats
- Ensure compliance with data regulations
- Guarantee 100% availability
- Provide Managed service delivery for Cloud, Cyber Security & SOC



Business Challenges

- **Massive Scalability:** Supporting over 300 million subscribers with high compute, storage, and network demands.
- **Heightened Security Risks:** Protecting sensitive PII and Aadhaar data from sophisticated cyber threats.
- **Regulatory Compliance:** Adhering to strict data security, privacy, and operational continuity regulations.
- **Service Availability:** Ensuring 100% uptime for critical energy services.
- **Complex IT Management:** Managing a large infrastructure across multiple VPCs with diverse security tools.
- **Tool Integration:** Seamlessly integrating cloud, security, and management tools into a unified system.

Solution & Technology Stack



●..... **Cloud Infrastructure:** AWS EC2 instances across multiple VPCs for data center and disaster recovery.

●..... **Advanced Network Security:**

- Palo Alto NextGen Firewalls
- Radware Alteon Load Balancers
- Radware Web Application Firewalls
- Radware DOS Protection Appliances

●..... **Security Operations Center (SOC):**

- Splunk SIEM for real-time monitoring
- Phantom SOAR for automated incident response
- Palo Alto Cortex XDR for endpoint protection

●..... **Privileged Access Management (PAM):** Secure and monitor access to critical systems.

●..... **Cloud Workload Protection:** Prisma CWPP for vulnerability assessments and workload security.

●..... **Cloud Security Posture Management (CSPM):** Palo Alto CSPM for compliance

●..... **IT Service Management (ITSM):** ITIL-based system for efficient service management.



SecHorizon Differentiator



Unprecedented Scale:

Managing infrastructure for 300 million subscribers.



Multi-Layered Security:

Comprehensive protection with firewalls, load balancers, WAF, DOS protection, SOC tools, PAM, and cloud security.



Seamless Integration:

Unified system of diverse cloud, security, and management tools.



Robust Compliance:

Tailored mechanisms for energy sector standards.



High Availability:

Dual-site architecture across multiple VPCs.



Automation Excellence:

SOAR for security automation and ITSM for operational efficiency.

ABOUT SECHORIZON

At SecHorizon, we specialize in design-Build & Managed Services for IT infrastructure and transforming cybersecurity postures to help businesses effectively mitigate risks. As a pure-play Cloud & cybersecurity services company, we bring deep expertise in Private/Public/Hybrid Cloud design-build-Managed Services and entire horizon of Cybersecurity – Cloud Security, Datacenter/Network Security, End-point Security (EDR/XDR) Identity and Access Management, VAPT, & Managed SOC.

Join us in building and running your Cloud Platform (IaaS/PaaS) and strengthening your cybersecurity posture and safeguarding your digital horizon. For More Information Visit us at : www.sechorizon.com