



# INTELLIGENT INFRASTRUCTURE MANAGEMENT FOR A HIGH-GROWTH INSURTECH

Google

4.0 ★★★★★☆

Clutch

4.9 ★★★★★☆

glassdoor

4.5 ★★★★★☆

Countries we operate from



# PROBLEM STATEMENT



A fast-scaling InsurTech company struggling with API traffic surges, inconsistent service reliability, and fragmented observability

Reliability varied across staging, production, and testing environments

API traffic spikes strained legacy infrastructure, causing downtime

Weak API authorization raised security and compliance concerns

Limited observability tools led to delayed incident detection





INT. implemented an **insurance-ready infrastructure** to support high-volume APIs, secure data flows, and real-time visibility at scale.

- ✓ **API Observability:** Enabled end-to-end monitoring of quote, policy, and claims transactions across channels.
- ✓ **Secure Gateways:** Deployed mTLS to safeguard customer data and align with IRDAI and ISO 27001 compliance.
- ✓ **Scalable Architecture:** Leveraged Kubernetes and service mesh to manage traffic surges without latency.
- ✓ **Unified Dashboards:** Delivered real-time insights into user behavior, policy flow, and SLA adherence.



A structured cloud-native rollout to modernize infrastructure and operational resilience.

01

**Assessment:**

Audited existing observability stack, API load handling, and security controls

02

**Design:**

Defined infrastructure strategy leveraging cloud-native tooling

03

**Deployment:**

Implemented observability stack, API gateway security, and autoscaling logic

04

**Integration:**

Configured service mesh for routing, load balancing, and mTLS encryption

05

**Dashboards & Alerts:**

Created real-time dashboards and automated remediation triggers

06

**Enablement:**

Trained DevOps teams on performance monitoring and response protocols



**3x**

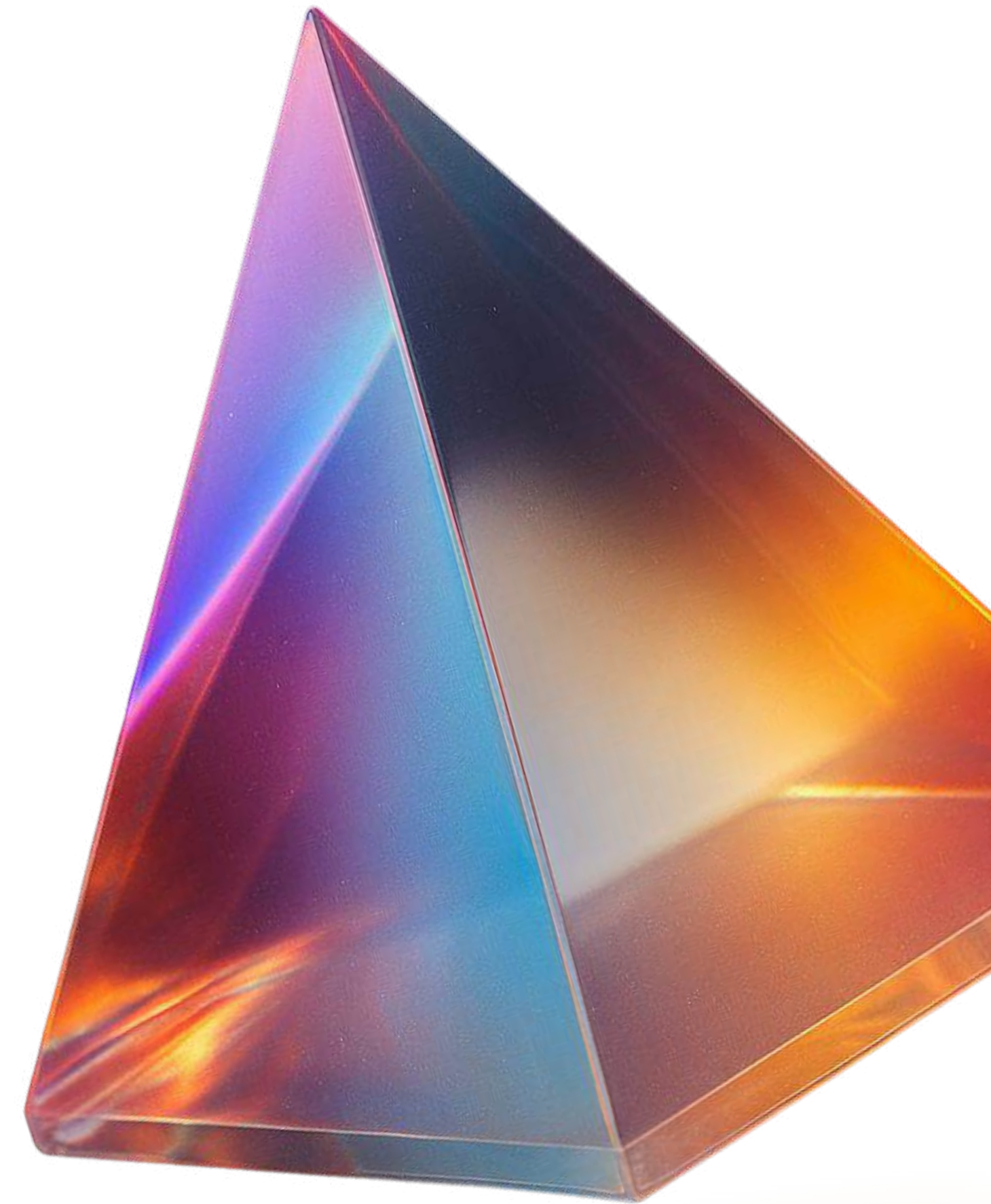
**API scalability achieved** without latency or performance drops

**Hardened API security posture** across all environments

**43%**

**faster incident response time** through improved observability

**Real-time service insights** enabled proactive operations and customer experience improvements







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