

Enterprise Telecommunications

From Fragmented Monitoring to 99.95% Uptime

Challenge

Emergency systems require continuous uptime, but **fragmented monitoring** delayed detection, **slowed root cause** analysis, and put mission-critical services **at risk**.

Objective

- Guarantee near-zero downtime
- Detect bottlenecks in real time
- Scale monitoring across 150+ systems
- Process 2TB+ logs daily

Solution

Hyperflex redesigned the observability architecture using a **Kubernetes-based Elastic Stack** with **Elastic APM**.

- Unified logs, metrics, and traces into a single observability layer
- Optimized ingestion pipelines for 2TB+ daily throughput
- Implemented intelligent alerting with sub-second query performance

Results



99.95%
Uptime



<2min issue
detection



2TB+ logs
processed daily



150+ systems
monitored in real time

Strategic Impact

- Consolidated monitoring into a **single Elastic architecture**
- Enabled **proactive performance management** across environments
- **Strengthened system resilience** for mission-critical operations
- Delivered **operational confidence** at scale