

Identifying Risk. Protecting Uptime



Business Objective

A Colo Service Provider operating a 1 MW, 40-rack facility in Oman needed a full operational audit to uncover hidden power inefficiencies, vulnerability hazards, and compliance gaps before a live-environment failure could impact tenants or personnel.

BUSINESS NEED

Prevent Unplanned Downtime

- Identify latent failure risks across electrical, mechanical, and ELV systems before they triggered disruption or injury.

Achieve TIA-942 Rated 3 Readiness

- Conduct a rigorous gap analysis between current implementation and TIA-942 Rated 3 compliance requirements.

Unlock Operational Power Savings

- Pinpoint energy inefficiencies and recommend actionable corrective measures to reduce operational expenditure.

SOLUTION & IMPACT

Critical Risks Identified. Neutralised.

- Multiple latent hazards across electrical and mechanical layers eliminated before causing outage or injury.

Full TIA-942 Rated 3 Roadmap Delivered

- Prioritised gap report accelerated the client's path to certification.

Measurable Power Savings Unlocked

- Specific inefficiencies quantified with corrective actions to reduce energy costs and improve PUE.

Conclusion

Technavious transformed reactive operational risk into a proactive compliance advantage for the Oman colo provider. Through a comprehensive infrastructure assessment and TIA-942 gap analysis, critical hazards were neutralised before causing damage, power savings were identified, and a clear Rated 3 certification roadmap was established – safeguarding assets, personnel, and customer SLAs.