Quantum Readiness Assessment

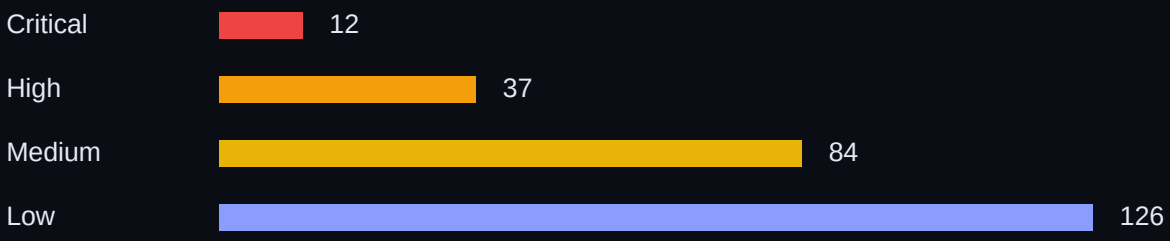
Executive summary for Example Corp (fictional organization)

Velar Quantum Risk Score

68 / 100

Lower is better. Score reflects algorithm strength, data shelf-life and exposure.

Findings by severity



Top recommendations

1. Enable hybrid ML-KEM key exchange on 14 internet-facing TLS endpoints carrying customer data.
2. Replace RSA-2048 certificates on partner API gateways; plan ML-DSA signing pilots.
3. Upgrade VPN concentrators to firmware supporting post-quantum key establishment.
4. Remove TLS 1.0/1.1 and static RSA key exchange from legacy load balancers.
5. Request post-quantum roadmaps from 6 critical vendors with no published plan.

Migration roadmap

Discover | Assess | Prioritize | Migrate | Verify | Monitor