

QUANTUM-SAFE CRYPTOGRAPHY

Quantum Safe Network Edge

Accepts classical, hybrid or full ML-KEM key exchange, terminates TLS at your perimeter and routes each request inward. The systems behind it are not changed.

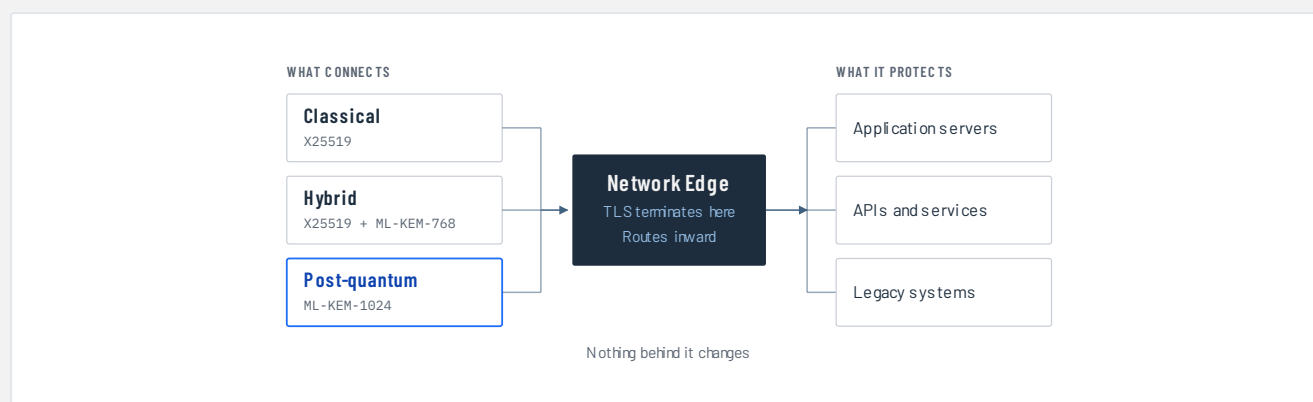


Figure 1. The Edge terminates the session at the perimeter and routes each request to the system behind it.

WHAT IT DOES

Hybrid and PQC key exchange

Classical, hybrid and full ML-KEM handshakes from clients.

Protocol routing

Routes to upstream systems by host and path.

Backward compatible

Classical clients are still served during the transition.

Upgrade in one place

At the edge, rather than on every internal system.

Observability

Which key exchange each client negotiated, per connection.

AT A GLANCE

ITEM	DETAIL
Key exchange	Classical, hybrid (X25519 + ML-KEM), or full PQC
Deployment	Managed cloud component
Routing	Layer 7, by host and path
Backends	Any HTTP or TLS service