

Zero-Trust Mobile Network (ZTMN) — Executive Brief

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Executive Summary

A sovereign, data-only mobile architecture enabling encrypted virtual SIM to eSIM communication using hybrid post-quantum key exchanges.

Key Innovations

- End-to-end encrypted virtual SIM to eSIM signaling
- Carrier-independent, identity-first architecture
- Reflexive routing with PQC handshake protection

Advantages

- Stronger privacy posture across mobile networks
- Reduced attack surface via data-only pathways
- Quantum-ready signaling and session protection

Applications

- Secure communications
- Defense mobility
- Enterprise zero-trust mobility