

C-DOT QUANTUM SECURE IN-LINE NODE FOR IP PHONE (Q-SIIP)

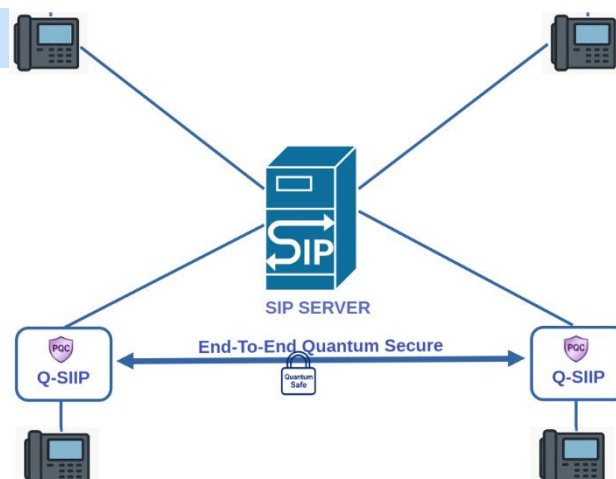


OVERVIEW

C-DOT's Quantum Secure In-Line Node for IP Phone (Q-SIIP) is a cost-effective solution to upgrade a deployed VOIP system to quantum-safe VOIP system. It is an easy to install (pluggable add-on) module which can be attached to a normal VOIP phone to support quantum secure communication. It is designed to work with existing VOIP deployments, thereby protecting existing investments and supports heterogeneous configurations.

KEY FEATURES OF Q-SIIP:

- End-To-End Quantum Secure Communication
- Pluggable/Easy-to-install
- Cost-effective solution
- Compatible with existing SIP-based IP phones
- Hybrid deployment possible (Normal IP phones + Quantum-Safe phones)
- Watermarking feature



USE CASES OF Q-SIIP:

- **Government & Defence Communications**
 - Agencies requiring classified or confidential communications can harden their SIP phones with PQC security.
- **Future-Proof Enterprise Communications**
 - Ensures sensitive business calls remain secure against quantum computing threats.
- **Cloud & Hosted PBX Providers**
 - Service providers can offer PQC-hardened SIP communication as a premium feature without changing customer hardware.
- **Critical Infrastructure Operators**
- **Law Enforcement Agencies**

CERTIFICATIONS

- **PQC module is NIST-CAVP Certified.**