

QuxTech PQE VoIP - Enterprise Pricing & Competitive Analysis

QuxTech PQE VoIP Security

Enterprise Pricing & Competitive Analysis

The Quantum Threat is Real

“Harvest Now, Decrypt Later” — Nation-states and sophisticated adversaries are recording encrypted communications today, waiting for quantum computers to break the encryption tomorrow.

Your voice communications made today could be exposed in 5-10 years.

Only post-quantum cryptography protects against this threat. QuxTech PQE VoIP is the first NIST-compliant quantum-safe voice encryption solution.

Pricing Plans

Per-Device Monthly Pricing

Plan	Monthly	Annual (Save 20%)	Security Level
Professional	\$35/device	\$336/device/year	Level 3
Enterprise	\$55/device	\$528/device/year	Level 5
Government & Defense	\$85/device	\$816/device/year	Level 5+

All prices in USD. Minimum 5 devices for Professional, 25 for Enterprise, custom for Government.

Volume Discounts

Number of Devices	Discount
1 – 49	List Price
50 – 199	10%

200 – 499	15%
500 – 999	20%
1,000 – 4,999	25%
5,000+	Custom Agreement

Example Pricing

Scenario	Devices	Plan	Monthly Cost	Annual Cost
Small Law Firm	25	Professional	\$875	\$8,400
Healthcare Clinic	100	Enterprise	\$4,950	\$47,520
Financial Services	500	Enterprise	\$22,000	\$211,200
Government Agency	1,000	Government	\$63,750	\$612,000

Competitive Comparison

Pricing vs. Competitors

Provider	Price/User/Month	Encryption Type	Quantum-Safe
Zoom Phone	\$18 – \$27	TLS 1.2 + AES-256	× No
RingCentral	\$20 – \$45	TLS + SRTP	× No
Dialpad	\$15 – \$25	WebRTC + SRTP	× No
Microsoft Teams Phone	\$8 – \$57	TLS 1.2 + SRTP	× No
Vonage Business	\$14 – \$40	TLS + SRTP	× No
8x8	\$24 – \$57	TLS 1.2 + AES	× No
Cisco Webex Calling	\$17 – \$25	End-to-End (E2EE)	× No
Silent Circle	\$50 – \$80	SRTP + OASN	△ Partial
Wickr (AWS)	\$25 – \$60	AES-256	△ Roadmap
QuxTech PQE VoIP	\$35 – \$85	ML-KEM + AES-256-GCM	☐ Yes

Security Feature Comparison

What Competitors Are Missing

Security Feature	Zoom	RingCentral	Dialpad	Teams	Silent Circle	Q
Post-Quantum Key Exchange	×	×	×	×	×	
NIST FIPS 203 (ML-KEM)	×	×	×	×	×	
NIST FIPS 204 (ML-DSA)	×	×	×	×	×	
Quantum-Safe Signatures	×	×	×	×	×	
“Harvest Now, Decrypt Later” Protection	×	×	×	×	×	
End-to-End Encryption	△ Optional	△ Limited	×	△ Limited		
Perfect Forward Secrecy						
Per-Frame Encryption	×	×	×	×		
SRTP Key Derivation						
On-Premises Option	×	△ Limited	×	△		
Air-Gapped Deployment	×	×	×	×	△	

Legend: ☐ Full Support | ☐ Partial/Limited | ☐ Not Available

The Quantum-Safe Gap

Why Traditional Encryption Falls Short

Encryption Method	Used By	Vulnerable To
RSA-2048	Most VoIP signaling	Shor’s Algorithm (Quantum)
ECDH P-256	TLS key exchange	Shor’s Algorithm (Quantum)
ECDSA	Digital signatures	Shor’s Algorithm (Quantum) Grover’s Algorithm (Reduced)

AES-256 Voice payload security)

QuxTech’s Quantum-Safe Stack

Layer	QuxTech Technology	Protection Level
Key Exchange	ML-KEM (FIPS 203)	Quantum-Resistant
Authentication	ML-DSA (FIPS 204)	Quantum-Resistant
Voice Encryption	AES-256-GCM	Quantum-Resistant*
Key Derivation	HKDF-SHA3	Quantum-Resistant

*AES-256 with 256-bit keys maintains 128-bit security against Grover’s algorithm—still considered secure.

Plan Features

Professional — \$35/device/month

Ideal for: Small businesses, professional services, healthcare practices

Feature	Included
Quantum-resistant key exchange (ML-KEM)	
AES-256-GCM voice encryption	
Security Level 3 (AES-192 equivalent)	
Perfect forward secrecy	
Call hold/resume with re-keying	
WebRTC integration support	
SIP integration support	
Standard support (business hours)	
99.9% uptime SLA	
Mobile SDK (iOS/Android)	

Enterprise — \$55/device/month

Ideal for: Mid-size to large enterprises, regulated industries, financial services

Everything in Professional, plus:

Feature	Included
Security Level 5 (AES-256 equivalent)	
Multi-party encrypted calls	
Quantum-safe digital signatures (ML-DSA)	
FIPS 140-3 validated module	
Compliance reporting dashboard	

HIPAA BAA available
SOC 2 Type II attestation
Dedicated account manager
Priority support (24/7)
99.95% uptime SLA
SSO/SAML integration
Admin console with analytics

Government & Defense — \$85/device/month

Ideal for: Government agencies, defense contractors, intelligence community

Everything in Enterprise, plus:

Feature	Included
On-premises deployment option	
Air-gapped environment support	
FedRAMP authorization pathway	
CMMC 2.0 alignment	
IL4/IL5 deployment support	
Custom security audit reports	
Dedicated infrastructure	
Penetration test reports	
99.99% uptime SLA	
Secure key ceremony support	
Source code escrow	
Government priority support	

Add-On Services

Service	Price
Implementation & Onboarding (Professional)	\$5,000
Implementation & Onboarding (Enterprise)	\$15,000
Implementation & Onboarding (Government)	\$25,000+
Custom Integration Development	\$200/hour
24/7 Premium Support Upgrade	+\$10/device/month
Quarterly Compliance Audit Package	\$2,500/quarter
Security Architecture Review	\$7,500
Executive Security Briefing	\$2,500
Developer Training (per person)	\$500
Administrator Certification	\$750
Additional API Calls (>10K/month)	\$0.002/call

Why Pay More for Quantum-Safe?

The Cost of NOT Being Protected

Risk Scenario	Potential Impact
M&A discussion intercepted, decrypted in 2030	Insider trading liability, deal collapse
Attorney-client calls exposed	Malpractice, privilege waiver, sanctions
Patient health discussions leaked	HIPAA fines up to \$1.5M per incident
Board strategy calls compromised	Competitive disadvantage, stock manipulation
Government classified calls decrypted	National security breach

The premium for quantum-safe encryption is insignificant compared to the cost of a breach.

Return on Investment

Factor	Traditional VoIP	QuxTech PQE VoIP
Monthly cost (100 users, Enterprise)	~\$3,500	\$4,950
Additional cost	—	+\$1,450/month
Annual premium	—	\$17,400
Protection lifespan	5-7 years	25+ years
Post-quantum upgrade cost later	\$50K-500K+	\$0 (included)

Investing \$17,400/year now avoids a potential six-figure migration and protects all communications retroactively.

Industry-Specific Value

Financial Services

Requirement	How QuxTech Helps
SEC/FINRA communications retention	Encrypted archives remain confidential long-term
Trading floor security	Quantum-safe prevents future insider trading exposure
M&A confidentiality	Deal discussions protected for decades

Client advisory privilege Wealth management calls secured

Recommended Plan: Enterprise or Government

Healthcare

Requirement	How QuxTech Helps
HIPAA encryption requirements	Exceeds “reasonable safeguards” standard
Patient confidentiality	PHI protected against future decryption
Telemedicine security	Remote consultations fully encrypted
Medical records discussions	Diagnostic calls secured long-term

Recommended Plan: Enterprise with HIPAA BAA

Legal

Requirement	How QuxTech Helps
Attorney-client privilege	Communications immune to future exposure
Litigation strategy	Case discussions protected
Client confidentiality	ABA Model Rule 1.6 compliance
eDiscovery protection	Encrypted calls remain privileged

Recommended Plan: Enterprise

Government & Defense

Requirement	How QuxTech Helps
CMMC 2.0 compliance	Cryptographic requirements exceeded
NIST 800-171 controls	Quantum-safe encryption alignment
Classified communications	On-premises/air-gapped options
Long-term classification	25+ year protection lifecycle

Recommended Plan: Government & Defense

Competitive Differentiators Summary

What Only QuxTech Offers

Differentiator	Benefit
NIST FIPS 203/204 Compliance	Only globally-standardized post-quantum algorithms
“Harvest Now, Decrypt Later” Protection	Communications made today stay secure in quantum era
Per-Frame Encryption	Each audio packet individually protected
Quantum-Safe Key Exchange + Signatures	Both confidentiality AND authentication are quantum-resistant
Security Level Choice (3 or 5)	Match protection to sensitivity requirements
On-Premises & Air-Gapped Options	Deploy in highest-security environments

What Competitors Cannot Offer (Today)

Competitor Gap	QuxTech Solution
RSA/ECDH key exchange vulnerable to quantum	ML-KEM quantum-resistant key encapsulation
ECDSA signatures vulnerable to quantum	ML-DSA quantum-resistant signatures
No protection for recorded calls	Forward secrecy + quantum resistance
Cloud-only deployment	On-premises and air-gapped options
Generic compliance	FIPS 140-3, FedRAMP pathway, CMMC alignment

Getting Started

Engagement Options

Option	Description	Timeline
Free Security Assessment	Evaluate your current VoIP security posture	1-2 weeks
Proof of Concept	Deploy in test environment with sample users	2-4 weeks
Pilot Program	Production deployment with limited user group	4-8 weeks
Full Deployment	Organization-wide rollout	8-16 weeks

Contact

QuxTech Security Solutions

Channel	Contact
Enterprise Sales	enterprise@quxtech.com
Government Sales	government@quxtech.com
Technical Questions	security@quxtech.com
Website	www.quxtech.com

Summary

Plan	Price	Best For
Professional	\$35/device/month	SMB, professional services
Enterprise	\$55/device/month	Regulated industries, mid-large enterprise
Government	\$85/device/month	Government, defense, critical infrastructure

All plans include quantum-resistant encryption that protects your communications today—and for decades to come.

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Pricing effective February 2026. Subject to change. Contact sales for custom enterprise agreements.

Competitor pricing based on publicly available information as of January 2026. Actual pricing may vary.