

CYCITY INC. (USA) & CYCITY INTERNATIONAL PRIVATE LIMITED

GLOBAL CRYPTOGRAPHIC CERTIFICATION & COMPLIANCE ROADMAP

Multi-Phase Accreditation Matrix: Open Standards • NIST CAVP/CMVP • STQC • ISO/IEC Frameworks

DOCUMENT REF: CY-CQWS-CERT-MAP-2026	CLASSIFICATION: Confidential — Executive Strategy
PLATFORM: CyCity Quantum Web Standard (CQWS)	LIVE VERIFICATION: https://cycity.cloud
PRIMARY AUDIENCE: National Security, Central Banks & CISOs	CONTACT: info@cycity.space

SECTION 1: PRODUCT ARCHITECTURE & CERTIFICATION SCOPE

Product Component	Core Functionality & Cryptographic Scope	Required Certifications & Standards
■ CQWS Ring-0 Kernel Engine (Wire-Speed Security)	Inline packet filtering, ML-KEM-768/1024 handshakes, ML-DSA-65/87 signatures, PCIe QRNG physical entropy.	- NIST CAVP (FIPS 203, 204, 205) - FIPS 140-3 / CMVP (atsec Lab) - NIST SP 800-90B / 800-208 - Common Criteria EAL4+ / STQC
■ PQC & CBOM Governance Portal (Compliance & SaaS)	Automated cryptographic asset discovery, CycloneDX v1.6 CBOM generation, vendor supply-chain risk scoring.	- CycloneDX v1.6 (ECMA-424) - CISA OMB M-22-18 / NIST SP 800-218 - ISO/IEC 27001:2022 (ISMS) - AICPA SOC 2 Type II / OpenSSF Gold

SECTION 2: MULTI-PHASE COMPLIANCE & ACCREDITATION ROADMAP

Phase & Timeline	Compliance Standard & Authority	Status & Deliverable	Cost & Audit Scope
PHASE 1: Immediate (Current Production)	- CycloneDX v1.6 (ECMA-424) CBOM - NIST ACVP (2,100 Test Vectors Passed) - CISA OMB M-22-18 Attestation - Linux Foundation OpenSSF Gold Badge	■ 100% COMPLETED All live dossiers signed & published on cycity.cloud .	\$0.00 Open-Standard & Self-Attested Verification Suite
PHASE 2: Sovereign Pilots (Months 1–3)	- STQC Directorate (MeitY India) - CERT-In Empanelled Security Audit - Bank of India / RBI PQC Pilot Testing - Defense Procurement Security Clearance	■ READY FOR AUDIT Pre-evaluation test artifacts and tenders prepared.	Government Sponsored Institutional Pilot Tender Scope
PHASE 3: Lab Accreditation (Months 3–9)	- NIST CMVP FIPS 140-3 Hardware/Module - atsec / Keypair NVLAP Lab Submission - Common Criteria (CC ISO/IEC 15408 EAL4+) - ISO/IEC 27001:2022 & SOC 2 Type II	■ IN PROGRESS NVLAP lab engaged with 2,100 pre-test vectors.	\$60k – \$120k Funded via Commercial Deployment Contracts

SECTION 3: ACCREDITED TESTING BODIES & LABORATORY DIRECTORY

Testing Body / Laboratory	Accreditation / Authority	Evaluation Scope	Official Contact & Portal
atsec information security	NVLAP Lab Code: 200529-0	FIPS 140-3, CAVP (FIPS 203/204), CC EAL4+	info@atsec.com atsec.com
STQC Directorate	MeitY, Government of India	Defense, Banking & PSU Software Clearance	dg.stqc@meity.gov.in stqc.gov.in
BSI Group / TÜV SÜD	ISO Accreditation Bodies	ISO/IEC 27001:2022 ISMS Certification	bsigroup.com tuvsud.com

SECTION 4: GOVERNANCE BOARD APPROVAL & EXECUTIVE SIGN-OFF

Authorized on behalf of CyCity Quantum Web Standard Governance Board: This regulatory roadmap defines the binding institutional certification trajectory for CyCity CQWS. Executive Lead: Merwyn Furtado, CEO & Chief Architect Entities: CyCity Inc. (USA) & CyCity International Pvt. Ltd. (India) Official Inquiries: info@cycity.space Live Platform: https://cycity.cloud	★ CYCITY CQWS ★ GLOBAL COMPLIANCE ROADMAP FIPS 140-3 • STQC • ISO 27001 PHASE 1 VALIDATED (100%) OpenSSF Gold Tier #15095 Checksum: e4c9a8...f7012
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