

# ANNUAL SECURITY AUDIT REPORT 2025

## Digital Ledger Initiative

Reference: PBOC-DLI-AUD-2025-001

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### AUDIT SCOPE

This comprehensive audit covered the following areas:

- Smart contract security analysis
- Infrastructure penetration testing
- Cryptographic protocol review
- Access control assessment
- Network security evaluation

### FINDINGS SUMMARY

Vulnerability Assessment Results:

- Critical Vulnerabilities: 0
- High Severity Issues: 0
- Medium Severity Issues: 2 (Resolved)
- Low Severity Issues: 5 (Resolved)
- Informational: 8

### RESOLVED ISSUES

Medium Severity (Resolved):

- Input validation enhancement in transfer function
- Gas optimization in batch processing

Low Severity (Resolved):

- Event emission consistency
- Documentation updates
- Error message clarity
- Test coverage expansion
- Code commenting standards

### SECURITY CERTIFICATIONS

- ISO 27001:2022 - Information Security Management
- SOC 2 Type II - Security & Availability
- PCI DSS Level 1 - Payment Card Industry Compliance

## **CONCLUSION**

The PBOC Digital Ledger Initiative infrastructure demonstrates robust security posture with no critical vulnerabilities. All identified issues have been successfully remediated.

Certified by: CertiK Security

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