

APKIC STEERING COMMITTEE MEETING 2026 · BALI,
INDONESIA

Vietnam's PKI and Trust Services

National Electronic Authentication Centre (NEAC)
Ministry of Science and Technology, Vietnam



DIGITAL TRUST
INFRASTRUCTURE

Present Contents

- 1 Legal and Regulatory Framework
- 2 Statistics and Implementation Status
- 3 Applications & eSign Gateway
- 4 Challenges and New Trends
- 5 Conclusion and Recommendations

Legal and Regulatory Framework — Key Updates

1 Expanded legal scope for electronic signatures

Introduces electronic signatures and electronic signature certificates in addition to digital signatures and digital certificates.

2 New categories of trust services

Adds timestamping (no longer just an add-on CA service) and electronic data message authentication.

3 Recognition of foreign trust service providers

Regulates the recognition of foreign electronic signatures, certificates, and foreign CA organizations operating in Vietnam.

4 Stricter licensing conditions

Enhances requirements on personnel, financial capacity, and technical infrastructure for licensing and operation.

5 Shift to post-audit technical supervision

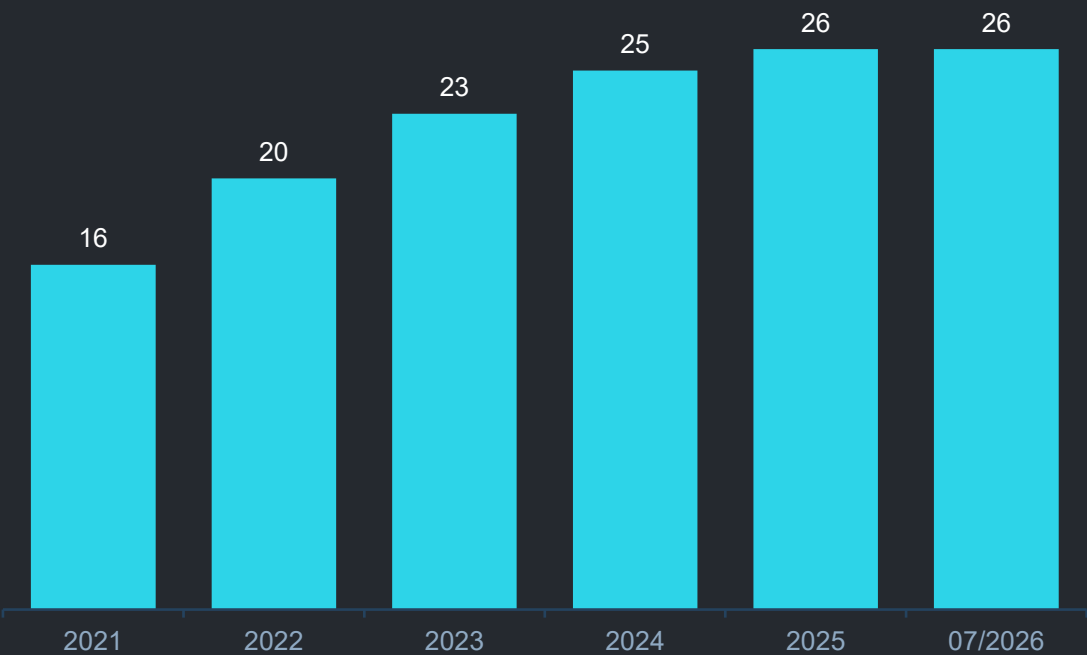
Replaces annual inspections with technical audits to ensure ongoing compliance and service reliability.

6 Enhanced interoperability & cross-border trust

Strengthens international cooperation and alignment with global PKI standards.

Statistics and Implementation Status

Growth of Licensed Public CAs (2021 – 07/2026)



31,2 million

issued certificates $\approx$ 47% of the adult population using digital signatures (Jul 2026)

26 licensed public CAs (Jul 2026)

25 CAs providing token signing

14 CAs providing remote signing

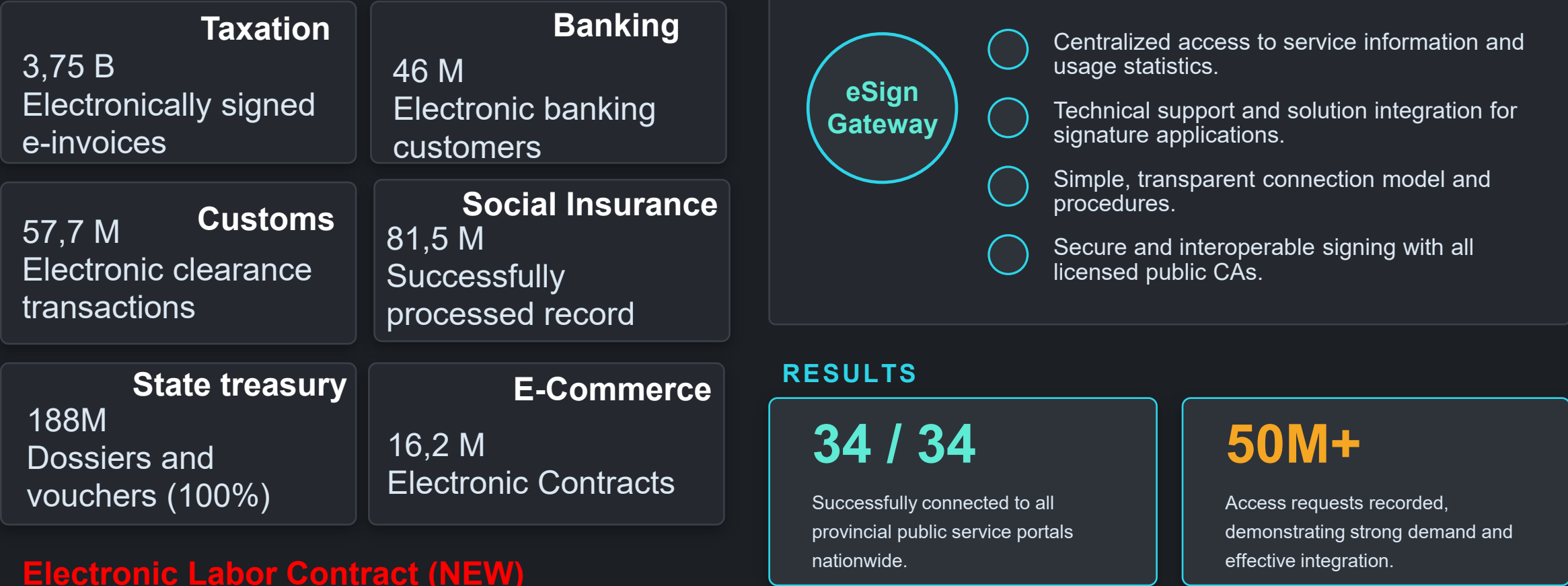
3 CAs providing SIM PKI services

7 CAs providing timestamp services

**Some CAs provide more than one type of service.*

Applications & eSign Gateway

Digital signatures applied across key sectors, connected nationwide through the eSign Gateway.



Conclusion and Recommendations

Conclusion

- Vietnam has advanced in nationwide deployment of digital signature and trust services.
- A complete legal framework supports trust services and cross-border recognition.
- eSign Gateway ensures secure, interoperable, and legally valid digital transactions.

Development Orientation

- Expand digital signature applications in digital government, economy, and society.
- Establish cross-border interoperability and mutual recognition mechanisms.
- Promote international cooperation in standards, recognition, and conformity assessment.

Proposed Cooperation

- Exchange information and share management and technical standards.
- Conduct interoperability testing and mutual CA recognition.
- Post Quantum Cryptography Migration
- PKI for AI (AI Agents)

Proposal to APKIC

- 1 **APKIC Digital Trust Framework 2035**
- 2 **APKIC Cross - Border Trust list**
- 3 **APKIC Post Quantum Migration Initiative**
- 4 **APKIC AI Trust Initiative**



Thank you!
Xin cảm ơn!

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