

Updates to Sunset Dates for Expired PIN Entry Devices

Global | Acquirers, Issuers, Processors, Agents

Visa Network



Overview: Visa has updated its PIN Entry Device sunset and replacement mandates for expired POS PIN entry and ATM devices and introduced new sunset dates for expired Host Security Modules.

Fundamental to cardholder PIN security is the need to ensure the device that a cardholder uses to enter their PIN, whether at a POS device or ATM, is itself secure. Visa requires that all organizations that accept cardholder PINs use a PIN Entry Device (PED) that has been evaluated and approved by the Payment Card Industry Security Standards Council (PCI SSC) and is listed on the Approved PIN Transaction Security (PTS) Devices section of the [PCI SSC website](#).

In addition, the [Visa PIN Security Program Guide](#), a supplemental document to the Visa Rules, states additional requirements for the purchasing, usage and deployment of PEDs and sunset dates when the PED PCI security approval expires.

Expired devices are vulnerable to attacks, where potential exploitable vulnerabilities may exist due to static architecture and design that does not support security code updates, patches to address malware and support terminal management systems used to distribute updates and patches.

Effective immediately, the [Visa PIN Security Program Guide](#) has been updated to revise the sunset dates for a variety of expired PEDs. In addition, Visa is introducing replacement dates for PCI Host Security Modules (HSMs), which have not been previously defined.

By updating the sunset and replacement dates, Visa aims to:

- Clarify Visa requirements for replacement of PCI PEDs and HSMs
- Position the payment ecosystem to better defend against modern-day attacks
- Set the foundation for advances in cryptographic changes for PEDs
- Ensure payment participants remain vigilant about PIN security

These changes apply to all regions, except where noted in Appendix B—PED Hardware Purchase, Usage and Sunset Dates in the [Visa PIN Security Program Guide](#).

Updated Effective Dates

Device	PCI Device Expiration Date	Revised Sunset Date	Action Required After Sunset Date
Devices never lab-evaluated by Visa or PCI	N/A	31 December 2022	<ul style="list-style-type: none"> Sunset / retire devices Replacement required
Pre-PCI Approved Encrypting PIN Pad (EPP) Devices	N/A	31 December 2022	<ul style="list-style-type: none"> Sunset / retire devices Replacement required
PCI PED or EPP PED V1.x	30 April 2014	31 December 2022	<ul style="list-style-type: none"> Sunset / retire devices Replacement required
PCI PED or EPP PED V2.x	30 April 2017	31 December 2022	Clear-key injection is prohibited
		31 December 2027	<ul style="list-style-type: none"> Sunset / retire devices Replacement required
PCI PTS Point of Interaction (POI) V3.X ¹	30 April 2020	31 December 2030	<ul style="list-style-type: none"> Sunset / retire devices Replacement required
All versions of PCI HSMs	V1.0—30 April 2019 V2.0—30 April 2022 V3.0—30 April 2026	10 years after the version's PCI HSM security approval expires	Replacement required

¹ PCI security approval for Version 3.x devices expires 30 April 2020.

Client Responsibilities

All organizations are encouraged to review the *Visa PIN Security Program Guide*, Appendix B—PED Hardware Purchase, Usage and Sunset Dates and the new Appendix C—HSM Purchase, Usage and Sunset Dates to understand the requirements related to PEDs and HSMs after their PCI security approval expires.

Per the Visa Rules, an acquirer and its merchant or agent that processes PINs for Visa transactions must comply with the security requirements specified in the PIN Management Requirements Documents and *Visa PIN Security Program Guide* (ID#: 0027086). Failure to comply with Visa PIN security requirements may result in non-compliance assessments.

As a best practice, issuers should also use PCI PTS approved devices for PIN entry and adhere to Visa PIN security requirements.

For More Information

Merchants and third party agents should contact their acquirer.

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