NXPNfcRdLib vulnerability in module phalFelica - CVE-2026-87726

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Overview

A software vulnerability - CVE-2026-87726 - has been identified in the supporting software NXPNfcRdLib. An insufficient API bounds checking in NXP NXPNfcRdLib module phalFelica up to Firmware version 07.14.00_Pub may allow an attacker with privileges or an untrusted third party to access unintended memory regions, potentially leading to limited loss of confidentiality, integrity, and availability.

Impacted devices

The vulnerability affects deployments of NXPNfcRdLib versions 07.14.00 and earlier when used in conjunction with FeliCa-based applications on NFC Reader solutions built on the CLRC663 family, PN5180, PN7462, and PN5190 platforms.

Mitigation

Use the latest NXPNfcRdLib available on NFC Reader Library | NXP Semiconductors All [illegible] versions from 07.78.00 onwards have fixed this problem.

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Acknowledgment

NXP would like to thank Ezhilamuthan for the responsible disclosure.

1 Kudo

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