

RELEASE NOTES

OnePA Payment Application

Version 9.0 Patch 2

June 2026



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1. Introduction

1.1 Overview

This release covers Lane 3000, Lane 5000 and Self 2000 payment terminal hardware models running OnePA Payment Application. The version is PCI (Payment Card Industry) SSS (Software Security Standard) validated and compatible with all payment channels available for Nets OnePA-terminals.

Software is applicable for distribution in Denmark, Finland, Norway and Sweden.

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1.2 Upgrading to OnePA 9.0.X – Important Version Requirement

Upgrade to version 9.0.2 is recommended from version 9.0.1. Upgrading from earlier versions with pending Pre-Authorization transactions may result in Sales completion Advice transactions being blocked in version 9.0.2. Users should ensure pending Pre-Authorization transactions are appropriately handled before performing the upgrade.

PLEASE NOTE The upgrade process from 8.2.3 to 9.0.X may take approximately 10 to 14 minutes due to SDK-level changes. Please ensure the terminal remains powered and connected throughout the upgrade.

1.3 Related Software for which this release has been verified

Ingenico Tetra SDK	Version 14.4.2.PatchFb66
EMV Contact kernel	Version 30.18.1.00
EMV Contactless kernel	Version 7.16.3.00
BAXI	Release version 1.9.3.0
ECR Integration	Baxi Interface via Ethernet & Cloud

2. Functional and Technical enhancements

2.1 *Introduced new response code ZW*

A new response code (**ZW**) has been introduced to improve handling of interface switch scenarios.

- Response code **ZW** is printed on the receipt, when a transaction is declined because the payment kernel requests a switch from the contactless interface to the contact interface, but the terminal does not support the contact interface – SELF 2000.
- This enhancement provides clearer transaction decline reporting and enables downstream systems to distinguish interface-switch-related declines from other transaction failures.

2.2 *Complying with BankAxept Security Requirements*

In addition to the existing mTLS transport layer, **full message MAC validation** has been implemented at the application layer to meet BankAxept security requirements. Previously, MAC validation was applied only to a portion of the financial message; this enhancement extends protection to the entire financial message.

2.3 *Deployed New Server Certificates*

New server certificates have been added to the application for OmniPass, C@C and MSTMS. These three servers will be deployed on AWS and will use these CA certificates to establish secure connections to their AWS server setup.

2.4 IFR Footer changes for Norway

To ensure compliance with scheme rules, updates have been made to the **card awaiting screen** to guide customers on the available card selection preferences.

IFR Footer Text – Norway Market

Terminal Type	Domestic IFR	International IFR
Lane 3000		
Lane 5000		
Self 2000		

Key Notes

- IFR footer text is **always shown in Norwegian**, regardless of terminal language.
- **Self-2000 differs** due to no physical buttons → uses “Trykk Endre” instead of “Endre m/gul knapp”.

3. Known issues

- Check for Update may fail while background transaction sending is in progress.
- Navigation inconsistencies observed on Self2000 terminals.
- Pre-authorization reversals may not be auto-deleted in certain multi-response scenarios.
- UI overlap observed on Tap to Stop screen affecting text visibility mainly affecting Self2000 terminals.
- Sometimes, cross button on QR screen and card read please wait screen on terminal is not working

4. Limitations:

- Upgrading the terminal while there are pending transactions (excluding Pre-Authorization) causes the terminal to enter a non-responsive (hang) state. If this condition occurs, the terminal cannot recover through normal operation and must be returned to the warehouse for further investigation and reprocessing.
- The new deployment with PCI PTS-5 hardware is not allowed with OnePA-9.0.1 release due to compliance constraint instead we can use PCI PTS-6 hardware for new deployment.
- Existing terminals on the field can be updated to 9.0.X.

5. Abbreviations

DA	Digital Asset
DUKPT	Derived Unique Key Per Transaction
ECR	Electric Cash Register
EV	Electric Vehicle
IFR	Issuer Forced Routing (Merchant Routing Preference)
LE	Low Energy
POS	Point of Sale
SDK	Software Development Kit
SSS	Payment Card Industry Software Security Standard
PCI-PTS	Payment Card Industry – Pin Transaction Security
RRN	Retrieval Reference Number
BIN	Bank Identification Number
ICC	Integrated Circuit Card
PSP	Payment Service Provider