RELEASE NOTES

OnePA Payment Terminals

Production Version 7.0│May 2023

S. Murray	A.Garg	A.Garg	Approved
Originated	Checked	Approved	Remarks

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Acronyms

Acronym	Description
BAXI	BBS ActiveX Interface
CUP	China UnionPay
CVM	Card Verification Method
DCC	Dynamic Currency Conversion
ECR	Electronic Cash Register
EMV	Europay, MasterCard and Visa
JCB	Japan Credit Bureau
MS-TMS	Merchant Services-Terminal Management System
PIN	Personal Identification Number
POS	Point-of-Sale
PSP	Payment Service Platform

1. INTRODUCTION

The purpose of this release is to introduce OnePA version 7.0.

The main purpose of this release is to enhance security, better support for handling fleet cards, and improve integration with ECR. It covers the following:

› Markets: Finland, Denmark.

› Terminal models: Lane/3000, Lane/5000.

The release has been verified for the following related software:

Software	Version
Ingenico TETRA SDK	Version 11.16.8 Patch J
EMV contact kernel	Version 30.16.0.00
EMV contactless kernel	Version 7.14.1.00
MS-TMS	Version 1.0.226
OmniPass	Version 7.2
BAXI-supported	Version 1.8.0.0
ECR integration	BAXI interface via Ethernet

For information or questions regarding this release, please contact your local Pre-Sales teams or Account Manager. For further information on the terminal range, please consult the user guides/quick guides on the Nets website.

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2. NEW FEATURES

The new features added in this release are:

› Specialized handling for industry-specific fleet cards is now supported. By using a new transaction type - *Auth & Advice* - extra information is propagated with authorization and clearing data, which is an authorization followed by online advice for closed-loop cards.

› Added support for Mastercard Dankort, in addition to Mastercard and Visa Dankort.

3. COMPLIANCE-RELATED UPGRADES

Dynamic Currency Conversion (DCC) receipt and screen text has been updated as per the latest compliance requirements.

4. ECR INTEGRATION IMPROVEMENTS

› For calls from an ECR, the check of the transaction type has been simplified, as the linkage in *CardInfo* flow is removed.

› An ECR can customize prompts using *PromptID* support in *CardInfo; for example,* rather than using a "Present Card" prompt, it can be customized to request "Present Loyalty Card".

› For fleet cards, an ECR can now change the PIN.

› Card details can also be sent to the OnePA terminal using the *TransferCardData* interface.

› An offline option for processing fleet cards is also added.

› To support membership lookups, an ECR can request a Card Token using Nets Storebox.

5. OTHER IMPROVEMENTS

› Acceptance of China UnionPay (CUP) and Japan Credit Bureau (JCB) contactless cards is now enabled.

› Cardholder interaction with the payment terminal now takes less time, since the ECR can now send transaction details after the cardholder has ended the transaction on the payment terminal.

› The added ability for onsite technical support staff to verify that the connection between OnePA and OmniPass (PSP) is now working.

› To support an increasing number of merchants using our system, we extended the BAXID length from 6 to 11 digits.

› A new field "used CVM for the transaction" is added as POS 30 in descriptive data.

› The OS has been upgraded, together with the kernels for EMV and corresponding contactless cards.

6. INCIDENTS RESOLVED

› Defect is fixed where a beep was missing for the user to enter their PIN upon double tap with the payment card.

7. UPGRADING OR DOWNGRADING TO ONEPA

To upgrade from older versions of OnePA:

With Omni-Pass build
Upgrade the terminal from OnePA 6.0.x to OnePA 7.0
Upgrade the terminal from OnePA 5.0.x to OnePA 7.0
With STEPS build
Upgrade the terminal from OnePA 6.0.x to OnePA 7.0
Upgrade the terminal from OnePA 5.0.x to OnePA 7.0

To downgrade from new versions to a previous version:

With OmniPass build	Notes
Downgrade the terminal from OnePA 7.0 to OnePA 5.0.x	OnePA 5.0.x version does not support OmniPass build, thus it downgrades from OnePA 7.0 OmniPass build to OnePA 5.0.x STEPS build. After downgrading, an update of the HOST IP as 91.102.24.111 is required if the terminal is a mock-up or function test. If the terminal has static IP, the Static IP setting must be set after downgrade, and a second check for updates then performed.
Downgrade the terminal from OnePA 7.0 to OnePA 6.0.7	To get the terminal parameters, a check for update must be performed manually after downgrade to OnePA-6.0.7.
Downgrade the terminal from OnePA 7.0 to OnePA 6.0.x (OnePA version between 6.0.0 to 6.0.6)	Downgrade from OnePA-7.0 to OnePA-6.0.7 must be performed, then from OnePA-6.0.7 to another lower version.
With STEPS build	
Downgrade the terminal from OnePA 7.0 to OnePA 6.0.7	To get the terminal parameters, a manual check for updates must be performed after downgrade to OnePA-6.0.7. If the terminal has static IP, the Static IP setting must first be set in terminal after downgrade, and a second check for updates then performed.
Downgrade the terminal from OnePA 7.0 to OnePA 6.0.x (OnePA version between 6.0.0 to 6.0.6)	Downgrade from OnePA-7.0 to OnePA-6.0.7 must be performed, then from OnePA-6.0.7 to another lower version.
Downgrade the terminal from OnePA 7.0 to OnePA 5.0.x	After downgrading, the HOST IP must be updated as 91.102.24.111 if the terminal is a mock-up or function test.

8. KNOWN ISSUES OR LIMITATIONS

None.

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