nets

RELEASE NOTES

Viking Payment Application

Version 2.04

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1. INTRODUCTION

This release covers all the Ingenico TETRA based payment terminal models running Viking Payment Application. The version is PCI (Payment Card Industry) SSS (Software Security Standard)) validated and compatible with all acquiring channels available for the Viking Payment platform from Nets.

Major features in this release include:

- Session ID
- Configure IFR/Consumer choice priorities from STEPS

For information on the availability of this release, please contact your Nets support channel(s). For further information on the terminal ranges supported, please consult the user guides/quick guides available on the Nets website (https://payments.nets.eu/payment-terminals).

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*NOTE: With integrated terminals, it is mandatory to familiarize with the PCI regulations and SSF Implementation Guide available via the Nets website (*https://support.nets.eu/category/payment-terminals *> under the Guides tab), take the necessary action required by those guidelines, and follow any other requirements from card schemes. Not following these rules may incur additional fees or sanctions.*

Whenever receipt printing or saving is required, please be aware that integrated solutions require you to print all the contents of preformatted receipt data.

2. MAJOR FEATURES

Features introduced in this Viking release are supported only on Ingenico Tetra range of payment terminals: Lane/3000, Lane/3600, Move/3500, Desk/3500, Link/2500, and Self/4000.

2.1 *Session ID for ECR integration*

Session ID value from ECR toward payment terminal helps to track the synchronization of transactions between systems. Session ID value sent from ECR towards the Viking payment terminal will be returned in the LocalMode response. This helps to match and follow up transactions in an unexpected issue that may happen during the transaction processing between ECR application and Viking payment terminal. This value is optional and in case Session ID is not provided, the response will receive value in from HHMMSS.

You must also use the correct version of the Baxi integration SDK to take advantage of the feature.

Session ID is only between ECR and Viking payment terminal and not transferred forward to the backend and reporting. This option may come available later but not implemented now.

2.2 *Configure IFR/Consumer choice behaviour via backend*

IFR/Consumer choice option has been only controlled by merchant from payment terminal menus. From now on it possible to manage the behaviour also from Nets backend.

3. IMPROVEMENTS

3.1 *Reset offline counters*

Offline counters were not reset in case there were no offline (or deferred authorization) transactions to be sent to backend. These counters will be reset when using offline send function from terminal or via integration API and it will reset offline counters including number of transactions and number of days lapsed.

3.2 *New country profiles added*

New country profiles added for Italy, Portugal and Iceland. These profiles will be used for corresponding countries and new host communication port numbers will be applied. This may require opening in the firewall rules for certain customers.

3.3 *Printing improvements*

Printing in payment terminal units, which has physical printer included, is faster and provides better layout and visual appearance but also reduces the paper usage.

3.4 *Error messages*

If the security key (DUKPT) counter has reached the maximum there will be an error message "Keys exhausted" displayed. In this case the terminal needs to be replaced with another one.

3.5 *Compliance issues*

- Mastercard Compliance - Offline Plaintext PIN disabled for unattended terminals

- BankAxept Compliance - Offline Plaintext PIN disabled for unattended terminals

- BankAxept certification issue with offline PIN Cryptogram

3.6 *Other improvements*

- Update default values of "Menu Protect" parameter to 'Yes' for Finnish profile

- Show DHCP parameter for comms and ECR comms type only when it is applicable

- TID excluded from the JSON parameter file (USB parameter load)

4. DEFECTS AND KNOWN ISSUES

4.1 *Defects and issues fixed*

- Self/4000 Timeout – 5 seconds timeout removed with mag.stripe cards and read without timeout and will follow the general application timeouts

- Self/4000 NFC pre-auth requesting PIN/approval – does not always request PIN, only if required by limits

- Receipt text in Finnish updated for Authorization reversal

- French language updates for tipping

- Self/4000 could not read card until reboot (if continued with chip after CardInfo request)

- Conflicting settings between ECR and communication options when via ECR options is selected

- Terminal was not responding to TLD1020 (status request) when in Control Panel menu

- Tap before amount did not work for Swedish and Danish terminals

- Online PIN requirement for BankAxept Deposit transactions

- Finnish country profile did not set the menu protect on as default

4.2 *Known issues at the time of release*

Payment terminal Lane/3600

- Random black screen on various states. Workaround in the case black screen displayed on PIN entry or Card awaiting screen, user can remove card or press Stop (or Red) key

- When using APM (Alternative Payment Methods), the touch screen does not respond when trying to select manual QR code.

When a card is left inside the payment terminal over 1 minute after the transaction completion, the payment terminal may freeze.

5. COMPLIANCE

5.1 *PCI SSS/SSF Validation*

This release has been approved by our chosen QSA (Qualified Security Assessor) and, in a while, will be listed on the PCI council website (https://www.pcisecuritystandards.org/product-solutions-listings-overview/). Our Product version numbering is presented in the following format: X.YY (e.g. 2.03) as described in the implementation guide.

5.2 *Acquiring Kernels*

The release has no updated kernels for payment schemes. The release has been validated through functional testing for the applicable acquiring channels.