

Release Notes

Viking Payment Terminals



Production Version 08.0.3 | Feb 2021

Test Version 81.07 | Mock-up Terminals

Test Terminal Version 08.03

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Originated	Checked	Approved	Remarks

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1. INTRODUCTION

The purpose of this release is to introduce updates to the TETRA and the integrated Telium range of Ingenico terminals. Standalone Telium terminals are not included.

As well as bug fixes, this release covers:

- › UnionPay contactless
- › Addition of *Transaction Type* field
- › Resolving bugs/incidents

The production release version is 08.0.3 and the test version is 08.03.

For information on the availability of this release, please contact your local Pre-Sales and After-Sales service 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

2.1 *New Functionality*

The following sections detail the features updates that are contained in this release.

2.1.1 *UnionPay Contactless*

UnionPay contactless is included in this release and supports the following transaction types:

- › Purchase
- › Refund
- › Reversal
- › Pre-authorization features

All the contactless features supported by existing contactless card schemes are also supported by UnionPay:

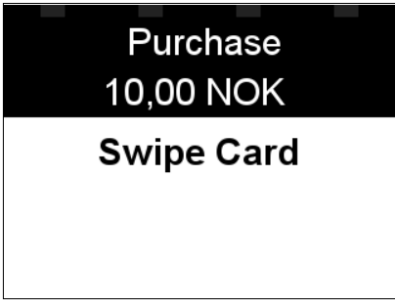
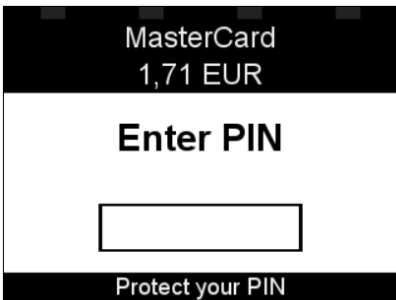


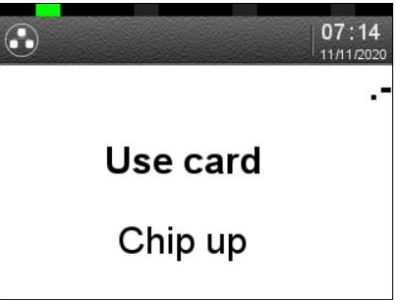
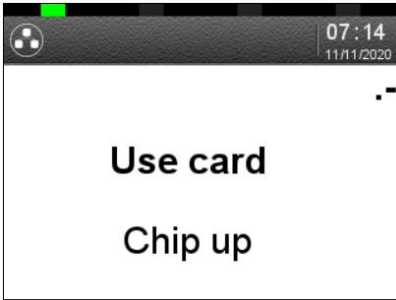
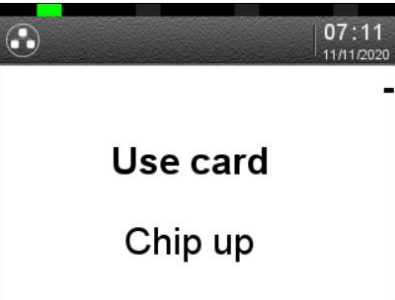
- › Single-Tap
- › DCC
- › Exclude issuer

2.1.2 User Interface

Updates have started on some of the display screens shown to the cardholder. This is only the first stage for updating the user interface - further updates will come in upcoming releases. As shown in the table below, fonts have been improved and new information has been added.

Table 1: Updates to User Interfaces

User Interfaces	
Enter Amount	Enter Cash Amount
New strings have also been added for Cashback, Tip, Cashback, Withdrawal and VAT.	
Enter Cash Amount	Enter Total Amount w/Tip
<p><Awaiting Card> screen has been changed, with new icons for <Present Card>, <Insert Card>. <Present Card> modified with <i>Transaction Type</i> and <Amount>. Currency is in the header. Terminal will show <Present Card> but the display text in Baxi will be same as before i.e. <Awaiting Card>.</p>	
Present Card	Insert Card

User Interfaces	
<p style="text-align: center;">Swipe Card</p> 	<p style="text-align: center;">Enter PIN</p> 
<p><Swipe Card> screen has been modified, along with <i>Transaction Type</i> and <Amount>. Currency is in the header.</p>	<p>New string <Enter PIN> used with card name and transaction amount. Currency is in the header. BAXI will still show <Enter Pin +OK> as the display text for PIN entry.</p>
<p style="text-align: center;">DCC Confirmation</p> 	<p style="text-align: center;">Nets Logo in Idle</p> 
<p style="text-align: center;">Stored Print & Offline Transaction Indicator</p> 	<p style="text-align: center;">Offline Transaction Indicator</p> 
<p style="text-align: center;">Stored Print Indicator</p> 	<p style="text-align: center;">Notes</p> <p>All the new strings are included in all the languages supported by each terminal.</p> <p>These changes are not applicable for Unattended terminals.</p>

2.1.3 Transaction Type Field

A new *Transaction Type* field has been added in the *Local Mode* response. This addition will automatically reflect in the *Last Financial Results* API, since the contents of both *Local Mode* and *Last Financial Results* are the same.

The terminal receives the *Transaction Type* parameter value in the *<Transfer Amount>* request from the ECR. In the *Transaction Type* field, it will send the same *Transaction Type* value back to the ECR in both the *Local Mode* and *Last Financial Results* response.

Refer to the sample logs in the below table for *SALE*, *RETURN*, and *REVERSAL* transaction types. For other transaction types, the terminal application will - in the newly added *Transaction Type* field - send respective transaction types back to the ECR.

Table 2: Transaction Type Logs

Transaction Type	Local Mode Results	Last Financial Results
Purchase (H30)	D 04541333*****0077;20200825143744; 0;903;187350013826;;00000 003120;;;;00000000120;80009900;8000 99;PPC MCD 07v2 2;00;IA1;A00 00000041010D05601;0000048000;E80 0;04333;040101;0000000000;123456 78;;;Inactive;;;0	E 04541333*****0077;20200825143744; 0;903;187350013826;;00000 003120;;;;00000000120;80009900;8000 99;PPC MCD 07v2 2;00;IA1;A00 00000041010D05601;0000048000;E80 0;04333;040101;0000000000;123456 78;;;Inactive;;;0
Return (H31)	D 04541333*****0077;20200825145008; 1;903;188828013828;;00000 004000;;;;80009900;800099;MASTERC ARD;00;IC5;A0000000041010D0560 1;0000000000;0000;;040101;00000000 00;12345678;;;Undefined;;;1	E 04541333*****0077;20200825145008; 1;903;188828013828;;00000 004000;;;;80009900;800099;MASTERC ARD;00;IC5;A0000000041010D0560 1;0000000000;0000;;040101;00000000 00;12345678;;;Undefined;;;1
Reversal (H32)	D 04541333*****0077;20200825144605; 0;903;188392000000;;00000 003120;;;;80009900;800099;PPC MCD 07 v2 2;00;IA1;A0000000041010 D05601;0000048000;E800;04333;04010 1;0000000000;12345678;;;Inactive;;;2	E 04541333*****0077;20200825144605; 0;903;188392000000;;00000 003120;;;;80009900;800099;PPC MCD 07 v2 2;00;IA1;A0000000041010 D05601;0000048000;E800;04333;0401 01;0000000000;12345678;;;Inactive;;;2

3. FIXED BUGS

The following incidents were resolved for the Move/3500 terminal (2G/3G/4G):

- › Improved reconnection whenever the network is lost.
- › Print message issue has been fixed.