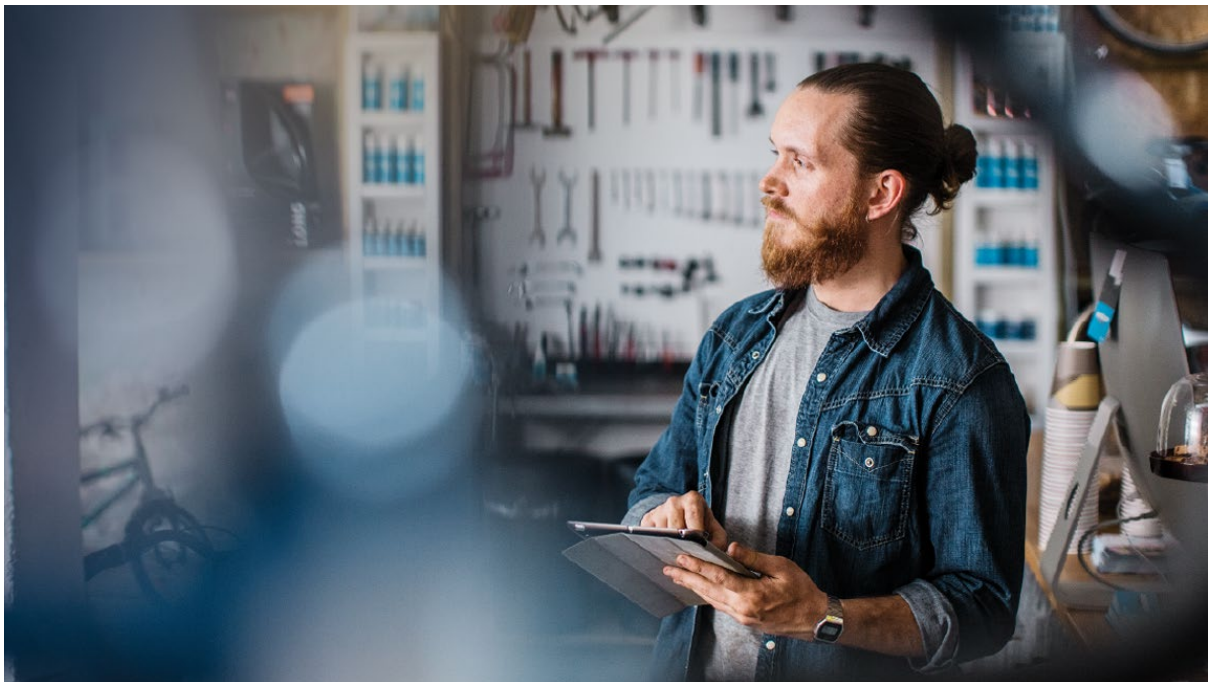


Release Notes

Viking Payment Terminals



Production Version 08.0.0 | Jul 2020

Test Version 80.02 | Mock-up Terminals

Test Terminal Version 3K02

SMURR Originated	AKANG Checked	MADSA Approved	Issued for Use Remarks
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1. INTRODUCTION

The purpose of this release is to introduce updates to the Telium and TETRA range of Ingenico terminals. As well as bug fixes, this release covers:

- › Merging Telium and TETRA into one software version (*Telium TETRA OS*)
- › Pay@Table function for Move/3500
- › Reading of *card type* information on MIFARE cards
- › Kesko loyalty support for co-branded cards on Contactless
- › Updating of MasterCard contactless kernel for Viking Telium 2
- › Updating Discover DPAS contactless kernel for Viking Telium 2
- › New TETRA hardware – Link/2500 Companion and Link/2500 Integration
- › Support for Spanish language
- › Resolving bugs/incidents

The production release version is 08.0.0 and the test version is 80.02.

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 Merging of Telium and TETRA

For the merging of Telium and TETRA versions into one *Telium TETRA* operating system, all supported features on Telium are now supported on TETRA. The Pay@Table function on Move/3500 is now supported on both Bluetooth and Wi-Fi.

Exceptions to the merger are invoicing and BLE (MAB) support for Dankort Mobile and Swish.

2.1.2 MIFARE Cards

Support has been added to allow *card type* information to be read on MIFARE cards. The card type information contained in MIFARE cards allows their identification. Supported cards include MIFARE Classic and MIFARE Ultralight contactless devices.

2.1.3 Kesko Loyalty

Kesko loyalty support sees contactless added to co-branded cards. K-Plussa loyalty is achieved through the data-reading of contactless cards. The *loyaltyinfo2* tag contains loyalty information and is supported in JSON version 1.01>.

NB: The above support only applies to Finland.

2.2 Launch of Link/2500 Terminals

The Link/2500 Companion and Link/2500 Integration terminals are scheduled for launch in autumn 2020. Their interface has been designed to be more user-friendly, with contactless readers now located below the display screens; a contactless logo will also appear on the display screen whenever the “Awaiting Card” message appears on screen.



2.3 Terminal Languages

Spanish language (.es) support is added in this release for both merchant and cardholder.

Merchant & Cardholder
Norwegian, Swedish, Danish, Finnish, English, French, German, Spanish, Dutch, Hungarian, Estonian and Polish

3. FIXED BUGS

The following incidents were resolved:

- › A major bug fix concerned the deletion of datasets, where a mother dataset was linked to the magstripe dataset. A bug ensured that when the mother was deleted, the daughter (key datasets for chip and contactless) was still active. Hence, when a card (which should not have been read) was presented, the EMV kernel read the card, started with the dataset that was still present and then sent the data to the Viking application. The Viking application rejected the card, making the card impossible to use. This impacted all co-branded cards where the priority was to read the deleted application first (BankAxept was preferred to Visa). The bug fix ensures that whenever an issuer is deleted from a site, the terminal deletes the corresponding datasets (issuer, application, contactless, key and DRL datasets). This action is done on reconciliation. As a result, there is no need for a full INIT dataset download. Upon reconciliation, the issuer is completely removed from the terminal. A new purchase in this instance will now be initiated in Visa instead of BankAxept, as all datasets related to BankAxept will have been deleted on reconciliation.
- › If a network issue occurred during reconciliation, it was observed that a second attempt at Visa transactions was not printed on the receipt. This was not affecting settlements, only the printed receipts. This is now fixed.
- › When a read error occurred, the error message “Read error, try again” remained in the display for approx. two minutes. In this period, a customer would be required to press STOP or insert a card to continue the transaction. A fix is introduced that shows the error message for a few seconds before returning to the regular card reading display.
- › Introduced a fix for sending the correct Serial No. in TLD tag 1010.
- › Signature transactions were being declined. An update has been introduced to fix this issue.

4. KNOWN ISSUES

4.1 MIFARE Cards

The following limitations are found with *card type* identification on MIFARE cards:

- › The detection of MIFARE cards is only enabled for *Get Card Info* (JSON format only).
- › For financial transactions such as purchasing, the terminals will not react to a MIFARE contactless card tap.

4.2 Link/2500 Terminals

The following are issues that will be addressed in the next release:

- › Terminal display turns black on Viking terminals that are idle for 10 seconds. This is followed by the light turning OFF.
- › Terminal display lights do not turn ON if '+' is pressed.
- › Following a flashing build on the selection of *Pair with Phone*, the terminals do not display a Bluetooth-pairing screen.

When the terminal flashes after a customer selects Profile, the terminal – after 24 seconds – displays the next screen.

5. INTEGRATION

5.1 Connection Methods

Link/2500 Companion and Link/2500 Integration are only supported by BAXI Android for now.