

February 09, 2026



Mr. MALVIN AGUSTO SULISTYO
PT NORXEL TEKNOLOGI INDONESIA
JALAN RANDUGARUT KM13
KEC. TUGU , KEL. RANDUGARUT
SEMARANG 50153
INDONESIA

Re: *EMVCo Letter of Approval - Contact Terminal Level 2*

EMV Application Kernel: Norxel NXL iXDepos EL2KNL Version V4.4c

Approval Number(s):
2-05776-1-1C-0226-4.4c
2-05776-1-1P-0226-4.4c
2-05776-1-1OS-0226-4.4c

The EMV Application Kernel has been tested on the following terminal

Terminal: Norxel NXL iXDepos
PinPad: 1P = SE8098D, F35-10 XZ-H701-F35-V1.05-D019 - PIN pad is valid for configuration(s): 1C
Operating System: 1OS = Windows 10,64bit Version 10.0

Renewal Date: 28-Jan-2030

Report ID Session 1: EDT25089 Version 1.0 - Bureau Veritas ICTK Co., Ltd.

Kernel Checksum:

F5 8E CE FA

Configurations Checksums:

Config	Vendor Config ID	Terminal	Checksum
1C	C1	14	A6 0A 80 23

PIN Pads Checksums:

PinPad	Checksum
1P	

Dear Mr. SULISTYO:

EMVCo, LLC ("EMVCo"), a Delaware limited liability company, has received your request for Level 2 terminal type approval for the EMV Application Kernel identified above (hereafter referred to as the "Application"). In connection with your request, we have reviewed all test file number(s) listed above.

After assessing such file(s), EMVCo has found reasonable evidence that the submitted samples of the above referenced Application sufficiently conform to EMV Integrated Circuit Card Specifications for Payment Systems, Version 4.4 of October 2022.

EMVCo hereby grants your Application EMVCo Type Approval for Terminal Level 2, based on the requirements stated in the EMV 4.4 Specifications. Please note that EMVCo may publish this letter and publicly identify your Application as an approved Application, including in EMVCo's published list of approved Applications.

EMVCo's grant to your Application is subject to and specifically incorporates (i) the General Terms and Conditions to the Letter of Approval enclosed as Exhibit A, and (ii) the Specific Terms and Conditions to the Letter of Approval attached hereto as Attachment 1. Because EMVCo's grant is subject to such limitations, including certain events of termination, you and any third parties should confirm that such approval is current and has not been terminated by referring to the list of approved Applications published on the EMVCo website (www.emvco.com).

Please note that EMVCo makes certain logos available for use in connection with an Application that has received EMVCo approval. To obtain permission to use the "EMV Approved" certification mark, please contact EMVCo to request a license agreement.

This Letter of Approval is valid while the approval number is posted on the EMVCo website.

Authorised by Frédéric Fortin
Terminal Testing Group Chair
EMVCo, LLC

Note:

The Random Number Generator and the Cryptographic Functions are part of the EMV specifications. This Contact Level 2 Kernel utilizes a specific Hardware component in the tested terminal to generate random numbers and/or Cryptographic Functions. To be EMV compliant, this Contact Level 2 Kernel shall be used in conjunction with terminals having this specific Hardware component.

Terminal Capabilities		1C								
Card Data Input Capability										
Terminal Type		14								
Manual Key Entry		No								
Magnetic Stripe		Yes								
IC with Contacts		Yes								
CVM Capability										
Plaintext PIN		No								
Online Enciphered PIN		Yes								
Signature (Paper)		No								
Offline Enciphered PIN (RSA)		No								
No CVM		Yes								
Offline Enciphered PIN (ECC)		No								
Biometric		No								
Offline Finger		No								
Online Finger		No								
Offline Facial		No								
Online Facial		No								
Offline Palm		No								
Online Palm		No								
Offline Iris		No								
Online Iris		No								
Offline Voice		No								
Online Voice		No								
Security Capability										
SDA & DDA		No								
Card Capture		No								
CDA		No								
XDA		No								
Transaction Type Capability										
Tran Type - Cash		Yes								
Tran Type - Goods		Yes								
Tran Type - Services		Yes								
Tran Type - Cash Back		Yes								
Tran Type - Inquiry		Yes								
Tran Type - Transfer		Yes								
Tran Type - Payment		Yes								
Tran Type - Admin		Yes								
Tran Type - Cash Deposit		Yes								
Terminal Data Input Capability										
Keypad		Yes								
Numeric Keys		Yes								
Alpha and Special Character Keys		No								
Command Keys		Yes								
Function Keys		Yes								

(continued)	1C									
Terminal Data Output Capability										
Print	Yes									
Display	Yes									
Code Table 10	No									
Code Table 9	No									
Code Table 8	No									
Code Table 7	No									
Code Table 6	No									
Code Table 5	No									
Code Table 4	No									
Code Table 3	No									
Code Table 2	No									
Code Table 1	Yes									
Application Selection										
PSE	Yes									
Cardholder Confirmation	Yes									
Preferred display order	No									
Partial AID Selection	Yes									
Multi language	No									
EMV Language Selection method	No									
Common Character Set	Yes									
Data Authentication										
Revocation of Issuer PK Certificate	No									
Certificate Revocation List Format										
Default DDOL	No									
Cardholder Verification Method										
Bypass PIN Entry	Yes									
Subsequent Bypass PIN Entry	No									
Get Data for PIN Try Counter	No									
Fail CVM	Yes									
Amount known before CVM proces.	Yes									
Terminal Risk Management										
Floor Limit Checking	No									
Random Transaction Selection	No									
Velocity Checking	No									
Transaction Log	Yes									
Exception File	Yes									
TRM irrespective of AIP setting (expected behavior)	Yes									

(continued)	1C									
Terminal Action Analysis										
Terminal Action Codes supported	Yes									
TAC can be deleted or disabled	Yes									
How does offline only Terminal process Default Action Codes?	N/A									
How does online only terminal process TAC/IAC-Default when unable to go online?	Normal									
Completion Processing										
Forced Online	No									
Forced Acceptance	No									
Voice Referrals Initiated by Issuer	Yes									
Default TDOL	Yes									
Default TDOL not configured	No									
Exception Handling										
POS Entry Mode	92									
Miscellaneous										
Amount and PIN on same keypad	Yes									
ICC/Magstripe Reader Combined	Yes									
Supports account type selection	No									
Supports 'on fly' script processing	No									
Issuer Script device limit > 128 bytes	Yes									
If limit > 128, value supported?	400									
Internal Date Management	Yes									
Does the terminal support Receipt?	Yes									

Attachment 1

Specific Terms and Conditions to the Letter of Approval

Restriction:

None

Conditions:

This product is not able to handle transaction date beyond the 31st of December 2037