December 11, 2025

Ryosaku Koshika

NIDEC INSTRUMENTS CORPORATION

5329, Shimosuwa-matchi,Suwa-gun

Nagano 393-8511

Japan

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

EMV Application Kernel:	**Nidec EMV L2 Kernel Version EMVCo v1.0.19**
Approval Number(s):	**2-05685-1-1C-FIMJ-1225-4.4c**
	2-05685-1-2C-FIMJ-1225-4.4c
	2-05685-1-3C-FIMJ-1225-4.4c
	2-05685-1-4C-FIMJ-1225-4.4c
	2-05685-1-5C-FIMJ-1225-4.4c
	2-05685-1-6C-FIMJ-1225-4.4c
	2-05685-1-7C-FIMJ-1225-4.4c
	2-05685-1-8C-FIMJ-1225-4.4c
	2-05685-1-9C-FIMJ-1225-4.4c
	2-05685-1-10C-FIMJ-1225-4.4c
	2-05685-1-1P-FIMJ-1225-4.4c
	2-05685-1-1OS-FIMJ-1225-4.4c

The EMV Application Kernel has been tested on the following terminal

Terminal:	**MPT200-0190**
PinPad:	**1P = MPT200-0190, Nidec EMV L2 Kernel EMVCo v1.0.19 - PIN pad is valid for configuration(s): 1C, 3C, 4C, 5C, 6C, 8C, 9C, 10C**
Operating System:	**1OS = Agnos 32 bits Version v3.6.16**

Renewal Date:	**17-Nov-2029**

Report ID	Session 1:	**J25REP00-391 Version V1.0 - FIME Japan Co., Ltd.**

Kernel Checksum:

CFDC261687086C3959DE58BABF1E09CBC190ECC7

Configurations Checksums:

Config	Vendor Config ID	Terminal	Checksum
1C	NI-ATT-FULL	22	601089E3
2C	NI-ATT-NoCVM	22	45F21089
3C	NI-ATT-JPN	22	3827F2A0
4C	NI-ATT-FULL-NoSig	22	25D3CAEA
5C	NI-ATT-JPN-NoSig	22	7CFC8A6B
6C	NI-UNA-FULL	25	846EB32A
7C	NI-UNA-NoCVM	25	C6AD2D16
8C	NI-UNA-JPN	25	4CDA35DC
9C	NI-UNA-USKIOSK	24	26A53B35
10C	NI-UNA-ATM	14	FBDFB0CE

PIN Pads Checksums:

PinPad	Checksum
1P	

Dear Ryosaku Koshika:

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 refered 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

Terminal Capabilities	1C	2C	3C	4C	5C	6C	7C	8C	9C	10C
Card Data Input Capability										
Terminal Type	22	22	22	22	22	25	25	25	24	14
Manual Key Entry	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Magnetic Stripe	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IC with Contacts	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CVM Capability										
Plaintext PIN	Yes	No	Yes	Yes	Yes	No	No	No	No	No
Online Enciphered PIN	Yes	No	No	Yes	No	Yes	No	No	Yes	Yes
Signature (Paper)	Yes	No	Yes	No	No	No	No	No	No	No
Offline Enciphered PIN (RSA)	Yes	No	Yes	Yes	Yes	Yes	No	Yes	No	No
No CVM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Offline Enciphered PIN (ECC)	No	No	No	No	No	No	No	No	No	No
Biometric	No	No	No	No	No	No	No	No	No	No
Offline Finger	No	No	No	No	No	No	No	No	No	No
Online Finger	No	No	No	No	No	No	No	No	No	No
Offline Facial	No	No	No	No	No	No	No	No	No	No
Online Facial	No	No	No	No	No	No	No	No	No	No
Offline Palm	No	No	No	No	No	No	No	No	No	No
Online Palm	No	No	No	No	No	No	No	No	No	No
Offline Iris	No	No	No	No	No	No	No	No	No	No
Online Iris	No	No	No	No	No	No	No	No	No	No
Offline Voice	No	No	No	No	No	No	No	No	No	No
Online Voice	No	No	No	No	No	No	No	No	No	No
Security Capability										
SDA & DDA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Card Capture	No	No	No	No	No	No	No	No	No	No
CDA	Mode 1	Mode 1	Mode 1	Mode 1	Mode 1	Mode 1	Mode 1	Mode 1	Mode 1	Mode 1
XDA	No	No	No	No	No	No	No	No	No	No
Transaction Type Capability										
Tran Type - Cash	No	No	No	No	No	No	No	No	No	Yes
Tran Type - Goods	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tran Type - Services	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tran Type - Cash Back	No	No	No	No	No	No	No	No	No	No
Tran Type - Inquiry	No	No	No	No	No	No	No	No	No	No
Tran Type - Transfer	No	No	No	No	No	No	No	No	No	Yes
Tran Type - Payment	No	No	No	No	No	No	No	No	No	Yes
Tran Type - Admin	No	No	No	No	No	No	No	No	No	No
Tran Type - Cash Deposit	No	No	No	No	No	No	No	No	No	Yes
Terminal Data Input Capability										
Keypad	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Numeric Keys	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Alpha and Special Character Keys	No	No	No	No	No	No	No	No	No	No
Command Keys	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Function Keys	No	No	No	No	No	No	No	No	No	No

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

(continued)	1C	2C	3C	4C	5C	6C	7C	8C	9C	10C
Terminal Action Analysis										
Terminal Action Codes supported	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
TAC can be deleted or disabled	No	No	No	No	No	No	No	No	No	No
How does offline only Terminal process Default Action Codes?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
How does online only terminal process TAC/IAC-Default when unable to go online?	Normal	Skipped	Normal	Normal	Normal	Normal	Skipped	Normal	Normal	Normal
Completion Processing										
Forced Online	No	No	No	No	No	No	No	No	No	No
Forced Acceptance	No	No	No	No	No	No	No	No	No	No
Voice Referrals Initiated by Issuer	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
Default TDOL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Default TDOL not configured	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Exception Handling										
POS Entry Mode	80	80	80	80	80	80	80	80	80	80
Miscellaneous										
Amount and PIN on same keypad	No	No	No	No	No	No	No	No	No	No
ICC/Magstripe Reader Combined	No	No	No	No	No	No	No	No	No	No
Supports account type selection	No	No	No	No	No	No	No	No	No	No
Supports 'on fly' script processing	No	No	No	No	No	No	No	No	No	No
Issuer Script device limit > 128 bytes	No	No	No	No	No	No	No	No	No	No
If limit > 128, value supported?										
Internal Date Management	No	No	No	No	No	No	No	No	No	No
Does the terminal support Receipt?	No	No	No	No	No	No	No	No	No	No

Attachment 1
Specific Terms and Conditions to the Letter of Approval

Restriction:

None