March 28, 2025

Mr. Dinesh Rodrigo

HITACHI DIGITAL PAYMENT SOLUTIONS LIMITED

Level 2

240

Highlevel Road

Colombo 00600

Sri Lanka

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

EMV Application Kernel:	**ibSuite - Multivendor EMV Kernel Version 3.0.0.0**
Approval Number(s):	**2-05545-1-1C-FSUL-0325-4.4b**
	2-05545-1-2C-FSUL-0325-4.4b
	2-05545-1-1P-FSUL-0325-4.4b
	2-05545-1-1OS-FSUL-0325-4.4b
	2-05545-1-2OS-FSUL-0325-4.4b
	2-05545-1-3OS-FSUL-0325-4.4b

The EMV Application Kernel has been tested on the following terminal

Terminal:	**TS-EA (SR-ATM)**
PinPad:	**1P = ibEMV Kernel Simulator Pin Pad, ibEMV Kernel Simulator Pin Pad 3.0.0.0 - PIN pad is valid for configuration(s): 1C, 2C**
Operating System:	**1OS = Microsft Windows 10 Version 10.0**
	2OS = Windows 11 Version 11
	3OS = Windows 7 Version 6.1

Renewal Date: **11-Feb-2029**

Report ID   Session 1: **2 ITBL-RPE213Q0001JD01A-FSUL Version 1.0 - Fime Services UK Ltd.**

Kernel Checksum:

1C9ACE579D85322E4DD342239B2D1C80943E2FB6

Configurations Checksums:

Config	Vendor Config ID	Terminal	Checksum
1C	ONLOFL-g1	15	D6E82DAF6BE2C32DE0E1C7D6221136193081E434
2C	ONL-g1	14	F852650ED4CBE2C1F482FF951ED6699D71826F93

PIN Pads Checksums:

PinPad	Checksum
1P	4C3B8AC0

Dear Mr. Rodrigo:

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							
Card Data Input Capability									
Terminal Type	15	14							
Manual Key Entry	Yes	No							
Magnetic Stripe	Yes	Yes							
IC with Contacts	Yes	Yes							
CVM Capability									
Plaintext PIN	Yes	No							
Online Enciphered PIN	Yes	Yes							
Signature (Paper)	No	No							
Offline Enciphered PIN (RSA)	Yes	No							
No CVM	Yes	No							
Offline Enciphered PIN (ECC)	No	No							
Biometric	Yes	Yes							
Offline Finger	No	No							
Online Finger	Yes	Yes							
Offline Facial	No	No							
Online Facial	No	No							
Offline Palm	No	No							
Online Palm	No	No							
Offline Iris	No	No							
Online Iris	No	No							
Offline Voice	No	No							
Online Voice	No	No							
Security Capability									
SDA & DDA	Yes	No							
Card Capture	Yes	Yes							
CDA	Mode 1	No							
XDA	No	No							
Transaction Type Capability									
Tran Type - Cash	Yes	Yes							
Tran Type - Goods	Yes	No							
Tran Type - Services	Yes	Yes							
Tran Type - Cash Back	No	No							
Tran Type - Inquiry	Yes	Yes							
Tran Type - Transfer	Yes	Yes							
Tran Type - Payment	Yes	Yes							
Tran Type - Admin	Yes	Yes							
Tran Type - Cash Deposit	Yes	Yes							
Terminal Data Input Capability									
Keypad	Yes	Yes							
Numeric Keys	Yes	Yes							
Alpha and Special Character Keys	No	No							
Command Keys	Yes	Yes							
Function Keys	Yes	Yes							

(continued)	1C	2C								
Terminal Data Output Capability										
Print, Attendant	No	No								
Print, Cardholder	Yes	Yes								
Display, Attendant	No	No								
Display, Cardholder	Yes	Yes								
Code Table 10	Yes	Yes								
Code Table 9	Yes	Yes								
Code Table 8	Yes	Yes								
Code Table 7	Yes	Yes								
Code Table 6	Yes	Yes								
Code Table 5	Yes	Yes								
Code Table 4	Yes	Yes								
Code Table 3	Yes	Yes								
Code Table 2	Yes	Yes								
Code Table 1	Yes	Yes								
Application Selection										
PSE	Yes	Yes								
Cardholder Confirmation	Yes	Yes								
Preferred display order	No	No								
Partial AID Selection	Yes	Yes								
Multi language	No	No								
EMV Language Selection method	No	No								
Common Character Set	Yes	Yes								
Data Authentication										
MAX CA Public key	248	248								
Exponents	3 and 2^16+1	3 and 2^16+1								
Revocation of Issuer PK Certificate	Yes	No								
Certificate Revocation List Format	RID, CA Public Key Index, Certificate Serial Numbe									
Default DDOL	Yes	No								
Cardholder Verification Method										
Bypass PIN Entry	No	No								
Subsequent Bypass PIN Entry	No	No								
Get Data for PIN Try Counter	Yes	Yes								
Fail CVM	Yes	Yes								
Amount known before CVM proces.	No	No								
Terminal Risk Management										
Floor Limit Checking	Yes	No								
Random Transaction Selection	Yes	No								
Velocity Checking	Yes	No								
Transaction Log	No	No								
Exception File	No	No								
TRM irrespective of AIP setting (expected behavior)	Yes	Yes								

(continued)	1C	2C								
Terminal Action Analysis										
Terminal Action Codes supported	Yes	Yes								
TAC can be deleted or disabled	No	No								
How does offline only Terminal process Default Action Codes?	N/A	N/A								
How does online only terminal process TAC/IAC-Default when unable to go online?	Normal	Normal								
Completion Processing										
Forced Online	No	No								
Forced Acceptance	No	No								
Voice Referrals Initiated by Issuer	No	No								
Default TDOL	Yes	Yes								
Default TDOL not configured	No	No								
Exception Handling										
POS Entry Mode	NA	NA								
Miscellaneous										
Amount and PIN on same keypad	Yes	Yes								
ICC/Magstripe Reader Combined	Yes	Yes								
Supports account type selection	No	No								
Supports 'on fly' script processing	No	No								
Issuer Script device limit > 128 bytes	Yes	Yes								
If limit > 128, value supported?	512	512								
Internal Date Management	Yes	Yes								
Does the terminal support Receipt?	Yes	Yes								

Attachment 1
Specific Terms and Conditions to the Letter of Approval

Restriction:

None