

Saudi Arabian Monetary Agency

HEAD OFFICE

General Department of Payment Systems

CERTIFICATION LETTER

Reference #TV039

30 Dec 2015

To: **Geidea Solutions**
P.O Box 246868 Riyadh 11312
Kingdom of Saudi Arabia



From: **SAMA Certification Centre**

Equipment Type: **POS**

Equipment Designation: **VeriFone Vx675**

This letter is to confirm that the POS terminal specified above has successfully passed the testing required to approve its usage within SPAN, details of the approved configuration are mentioned in the sections below.

SAMA reserves the right to modify the certification procedures from time to time and Vendors may be required to repeat some or all testing already undertaken and in addition any new tests deemed necessary by SAMA.

SAMA as scheme regulator reserves the right to withdraw approval for a POS device should it be unable to demonstrate the ability to pass the tests specified in the current release of the certification procedures.

SAMA maintains a list of approved device on its website, potential customers for the POS terminal referred to in this letter should ensure that the device is on this list.

SAMA accepts no responsibility for any operational or interoperability problem not highlighted by the testing performed to gain this certificate and reserves the right to update the procedures and testing regime at any time in the future at its sole discretion. No Member of the SPAN scheme or Vendor supplying equipment for use by the scheme or its members should refer to their product, service or facility as either SPAN "approved" or imply that the SPAN scheme or SAMA endorses their products.

Signed on behalf of SAMA:

Saleh Al-Harbi

Head of Quality Assurance



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POS Terminal Appearance

POS Terminal : VeriFone Vx675



Contactless Reader : Not Certified.

External PIN Pad : Not Certified.

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Part 1 – Vendor Contact Details	
Vendor Name	GEIDEA SOLUTIONS
Contact Name	MUAYYAD IDILY
Contact Address	Riyadh, Canary Centre, Office 112,113
Contact Telephone Number(s)	+966 1 4652881 ext110
Contact e-mail Address	muayyad@geidea.net
Part 2 - Pre-Requisites	
EMV L1/L2 Registration Number	C12RAP12-21-3 - FIME Europe Test Centre
IFM (Level 1) Approval Reference	12646 0312 400 21 FIM
EMV Kernel (Level 2) Approval Reference	2-02441-1-6C-FIM-0213-4.3.b
EMV Specification Date and Version	EMV 4.2 2008
MasterCard Terminal Quality Management (TQM) label	TQM0055/03
PCI PED Approval Number	4-10116
PayPass Kernel Approval Number	TL2-VERI-131101-131220(b)
Paywave Kernel Approval Number	CDVER10710
Part 3 - Testing baseline	
Version of this document used:	EFTPOS 5.3
Part 4 - Functionality approved for use with the SPAN Switch:	
Integrated Chip Card (ICC)	mada, MASTERCARD,VISA,AMEX
Legacy Magnetic Stripe	mada, VISA,MASTERCARD,AMEX
Contactless	Not Certified
Part 5a – Equipment Details (Hardware)	
Manufacturer	VERIFONE
Model Designation	VX 675
If the Manufacturer is different from the Vendor in Section 1, please describe the commercial arrangement between Manufacturer and Vendor and give detail of how the equipment will be supported	Saudi Arabia –Exclusive Distributor
Input Devices Supported	Single USB connector and Integrated Charging, Magstripe Card ,ICC chip Cards
Display Devices supported	2.8", 320x240 pixel colour TFT (QVGA)

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Printing Devices	Integrated thermal with graphics capabilities, 18 lines per second, 22, 32, or 42 columns; 40mm paper roll
Communication method used by device	GPRS
PIN Pad	Integrated PINPAD – PCI approved
Contactless Reader	Internal Reader
Languages supported (note: must support Arabic and English)	Arabic, English
Is there a language switch key?	Yes
Part 5b – Equipment Details (Software)	
Kernel Software Version	Vx EMV Module 6.2.0
Visa PayWave Kernel Version	CLVI 03.02.04
MasterCard PayPass Kernel Version	CLMC 03.04.00
Operating system	IOS = Vx Version QA0012A3
Payment Applications supported	
SPAN	Yes
Visa	Yes
MasterCard	Yes
Maestro	Yes
American Express	Yes
Other (where applicable)	China UnionPay
Non-Payment Application(s) supported	
Application type	N/A
Application name	N/A
Application version	N/A
Part 6 – Development Details	
Version Control software used	Vericenter 3.0
How is version control managed for the components of your product? Supporting documents may be required	Terminal Remote System Engine.
Is QA system used ISO 9000 accredited?	No

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Part 7 – EMV Level 2 Kernel Configuration Details	
EMV Level 2 Kernel Configuration Number Used for SPAN Certification	6C
Terminal Capabilities	
Card Data Input Capability	
Terminal Type	22
Manual Key Entry	Yes
Magnetic Strip	Yes
IC with Contacts	Yes
Contactless	Yes
CVM Capability	
Plaintext PIN for ICC Verification	Yes
Enciphered PIN for online Verification	Yes
Signature(Paper)	Yes
Enciphered PIN for offline Verification	Yes
No CVM	No
Security Capability	
Static Data Authentication	Yes
Dynamic Data Authentication	Yes
Card Capture	No
Combined Data Authentication	Yes
Fast Dynamic Data Authentication	N/A
Additional Terminal Capabilities	
Transaction Type Capability	
Cash	Yes
Goods	Yes
Services	Yes

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Cash Back	Yes
Inquiry	No
Transfer	No
Payment	No
Administrative	No
Cash Deposit	No
Terminal Data Input Capability	
Keypad	Yes
Numeric Keys	Yes
Alphabetic and Special Character Keys	Yes
Command Keys	Yes
Function Keys	Yes
Terminal Data Output Capability	
Print, Attendant	Yes
Print, Cardholder Name	No
Display Attendant	Yes
Display Cardholder	No
Code Table10	No
Code Table9	No
Code Table8	No
Code Table7	No
Code Table6	No
Code Table5	No
Code Table4	No
Code Table3	No
Code Table2	No
Code Table1	Yes

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Application Selection	
Support PSE selection Method	Yes
Support Cardholder Confirmation	Yes
Does Terminal have a preferred order of displaying applications	No
Does terminal perform partial AID	Yes
Does the terminal have multi language support	Yes
Does the terminal have Common Character Set	Yes
Data Authentication	
What is the maximum supported Certificate Authority Public Key Size	248
What exponents does the terminal support	3 and $2^{16}+1$
During data authentication does the terminal check the validity of revocation of Issuer Public Key Certificate	Yes
Certificate Revocation List Format	RID,CA Index, Serial No
Does the terminal contain a DDOL	Yes
Manual When CA Public Key Load Fails	No
CA Public Key Verified With Checksum	Yes
Cardholder Verification Method	
Terminal support bypass PIN Entry	Yes
Terminal support Get Data for PIN Try Counter	Yes
Terminal support Fail CVM	Yes
Terminal support Amount Unknown before CVM	Yes
Terminal supports No CVM for Contactless	Yes
Terminal Risk Management	
Floor Limit Checking	Yes
Random Transaction Selection	Yes
Velocity Checking	Yes
Transaction Log	Yes

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Exception File	Yes
Terminal Risk management based on AIP	Yes
Contactless Limits Checking	Yes
Terminal Action Analysis	
Terminal Action Codes	Yes
Default process prior to AC	No
Default process after AC	No
Skip processing TAC/IAC	No
Default as normal	No
CDA fail detected prior TAA	Yes
CDA always requested at GENAC1	No
CDA never requested at GENAC1	Yes
CDA always requested at GENAC2	No
CDA never requested at GENAC2	Yes
Completion Processing	
Terminal Forced Online Capability	Yes
Transaction Forced Acceptance Capability	No
Does Terminal support Advices	No
Does Terminal support Issuer Referrals	Yes
Does Terminal support Batch Data Capture	Yes
Does Terminal support Online Data Capture	No
Does Terminal support Default TDOL	Yes
Exception Handling	
POS Entry Mode	80
Miscellaneous	
PIN PAD	Yes
Amount and PIN same keypad	Yes

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ICC / Magstripe Combined	No
Magstripe read first	No
Supports Account Type Selection	Yes
Issuer script device limit > 128	No
Internal Contactless Reader	Yes
External Contactless Reader	No
Physical LED Light Indicators for contactless	No
Software Light Indicators for contactless	Yes
Sound indicators for contactless	Yes

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