



# WAY4™ Certificate

PAYMENT PROCESSING SOLUTIONS

## This is to certify that:

#20110921-046

The EFTBASE POS software version 1 for YARUS C21XX, YARUS P21XX, YARUS K21XX terminals equipped with Internal and YARUS P21XX pinpads connected to WAY4 according to the following connection scheme (see on the back) supplied by Terminal Technologies Ltd. has fulfilled the OpenWay EMV Validation Requirements and demonstrated compatibility with WAY4 Cards Management System in the following conditions (POS software is not certified for ATM, banking Self-Service terminals and PC-POS based platforms):

## Operations:

	PBT	SBT	Manual
Basic Set	Authorization	passed	passed
	Purchase/Cash	passed	passed
	Auth Confirmation	n/a	passed
	Universal Reversal (Cancel Auth, Purchase/Cash, Credit)	n/a	passed
	Universal Reversal Advice (AutoReversal)	n/a	passed
	Refund	n/a	passed
	Balance Inquiry	passed	n/a
	EMV Info Advice		passed
	EMV Final Advice		passed
	POS Initialization		passed
Reconciliation		passed	
Extended	Credit	passed	n/a
	Credit Voucher	n/a	passed
	Card Control Request (Offline PIN Unblock)	passed	passed
	Mini Statement	passed	n/a
	Utility Payment	passed	passed
	Universal Bill Payment Authorization via WAY4 Billing Gateway (By Card; By Cash)	passed	passed
	Universal Bill Payment Advice via WAY4 Billing Gateway (By Card; By Cash)	passed	passed
	PIN Change Request	passed	n/a
Keys Change		passed	

## Options:

Batch Upload	NetServer with PMS
PIN/MAC crypto algorithm	3DES
MAC Type	BIN
Transport Protocol	TCP/IP
PMS Transport Protocol	Binlen
ISO8583 Protocol	OpenWay Native
Secure ISO support (algorithm)	Yes (3DES)
PMS Adv. Security Features	MAC, Encryption

Quasi-Cash support	Yes
Acquirer Fee support	Yes
Pre-Paid support	No
Stop List Loading support	No
Multi Currency support	Yes
MOTO support	Yes
EMV support	VSDC, M/Chip
EMV Off-line support	Yes

EMV Off-line PIN verification	Plaintext, Enciphered
EMV CVM support	Off-line PIN, On-line PIN, Signature
EMV CAM support	SDA, DDA
EMV Message Scheme	Single Message with TC Upload
M/Chip DAC support	Yes
M/Chip DN support	Yes
EMV PAD Support	Not Supported
Contactless support	PayPass (MagStripe, MChip mode)

Certificate shall expire after 1 year following the date of issuance, if no prolongation is applied for before that date. Detailed certification program available upon request.

For and on behalf of OpenWay Service Ltd.

21 September 2011

Sergey Tartyzhev

Director, Implementation&Support



