

## Certification Protocol

# 15-230/2

Financial Operations:	Magnetic Stripe Online Processing		Manual Key Entry Online Processing	EMV Online Processing		Contactless cards Online Processing	
	PBT	SBT		PBT	SBT	MSD	EMV
Purchase	T	T	-	T	T	T	T
Mail/Phone Order	-	-	T	-	-	-	-
Pre-purchase	T	T	-	T	T	-	-
Pre-purchase increment	T	T	-	T	T	-	-
Pre-purchase Completion	T	T	-	T	T	-	-
Cash Advance	T	T	-	T	T	-	-
Balance Inquiry	T	T	-	T	T	-	-
Deposit	X	X	X	T	T	X	X
Deposit Adjustment	T	T	-	T	T	-	-
Merchandise Return	T	T	-	T	T	-	-
Purchase Adjustment	T	T	-	T	T	-	-
Cash Advance Adjustment	T	T	-	T	T	-	-
Merchandise return Adjustment	T	T	-	T	T	-	-
Payment	T	T	-	T	T	-	-
Transfer (P2P Cash Transfer)	T	T	-	T	T	-	-
Prepaid	T	T	-	T	T	-	-
P2P Card Transfer	T	T	-	T	T	-	-
Quasi-cash	X	X	X	X	X	X	X
Statement Request	X	X	X	X	X	X	X
Purchase with Cashback	X	X	X	X	X	X	X
PIN-change	X	X	X	X	X	X	X
POS Accumulate Bonus	-	T	-	-	T	-	-
POS Redeem Bonus	-	T	-	-	T	-	-
Administrative Operations:	Comments		Additional Operations:		Comments:		
Configuration Upload	T		Manual Reversal		T		
Close Batch	T		Timeout Reversal		T		
Close Shift	T		Fallback		T		
Close Day	T		Issuer script processing		T		
Batch totals	T		Offline Processing		T		
Shift totals	T		Card Verification		X		
Day totals	T		Create Telebank Customer		X		
Handshake Request	T		Message to Financial Institution		T		

Notation: T-tested; "-" not tested; X-not supported

### Options:

PIN crypto algorithm  
MAC  
Traffic Encryption  
Transport protocol  
Protocol  
Multi currency support  
EMV CVM support

3-DES  
Yes (3DES)  
Yes  
TCP/IP  
TPTP version 4.92  
Yes  
EMV Off-line PIN | On-line PIN | Signature |  
No CVM

EMV Off-line CAM support: SDA | DDA | CDA  
EMV Off-line PIN  
Verification method : Plaintext | Encrypted  
Test Cards : qVSDC (DDA) |  
Contactless MChip (DDA, CDA) |  
Magnetic stripe

01 сентября 2015г.

