



POS Letter of Certification

February 28, 2011

To Authorized Resellers:

Please accept this letter as notice that MTXEPS officially considers the Pan Osten Utopia Self Checkout software certified to the MTXEPS OpenEPS payment specification. This letter certifies that the software has been tested to the best of our ability in a test environment.

POS systems that integrate to OpenEPS gain access to all the terminal types and hosts* that are currently supported as well as those added in the future. In addition, OpenEPS offers a variety of special features that are popular with both merchants and customers.

* Some hosts will require a one time certification before processing can take place.

Utopia Self Checkout

Certified Versions:

POS Version Certified	ver 2
OpenEPS Version Certified	826.2
Operating System	Windows XP

Sincerely,

Jim Seaman
QA Manager
MTXEPS, Inc.

The following section details the specific tenders, transaction types and special features that this POS has been certified as supporting:

Certified POS Details

The checked items below have been certified:

Tenders	Purchase	Return	Force (NV Decline)	Force (POS Initiated)	Balance Inquiry (Cashier)	Balance Inquiry (Customer)	Cash Back (Cashier)	Cash Back (Customer)	Void of Previous Transaction	Void of tender within Order	Activation	Recharge	Deactivate	Pre-Auth	Pre-Auth Completion	Pre-Activation	Voucher Return	Refresh
ACH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
Connect Pay	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
Credit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>			
Debit	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>			
EBT Cash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>			
EBT Food	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							<input type="checkbox"/>	
FSA (Credit)	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
Gift Card	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Phone Cards									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>
Private Credit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>			
Private Debit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>			
WIC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>								
Wireless Phone Cards									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>



The checked Features and Response Codes below have been certified:

OpenEPS Feature	Supported?
Biometrics (ACH tender)	<input type="checkbox"/>
BlackHawk Gift Cards (Bit 47)	<input type="checkbox"/>
Cashier Activated Balance Inquiry	Mark tender section above
Cashier Overtender (Bit 5)	Mark tender section above
Cashier Verify Card (Bit 90) (b – VerifyCard)	<input type="checkbox"/>
Credit to Debit Conversion	<input checked="" type="checkbox"/>
Customer Activated Balance Inquiry	Mark tender section above
Customer Activated Cash Back	Mark tender section above
CVV2 (Bit 95)	<input type="checkbox"/>
Electronic Check Conversion	<input type="checkbox"/>
Fleet Tenders	<input type="checkbox"/>
FSA {Flexible Spending Account} (Bits 102, 103, 104, 105 & 106)	Mark tender section above
Fuel (PreAuth/Auth Completion) (PA, PC)	<input type="checkbox"/>
Generic Tender Key	REQUIRED
Customer Data Entry	<input type="checkbox"/>
Extended Data Entry Functionality (HIPPA)/RX	<input type="checkbox"/>
Lesser Amount Approval (All Tenders)	REQUIRED
Manual Card Data Entry (Bits varies)	<input type="checkbox"/>
POS Verifies Manager ID (Bit 19) (T – Manager ID TAC)	<input type="checkbox"/>
Scrolling Receipt on Terminal	<input type="checkbox"/>
Signature / Receipt Capture	<input checked="" type="checkbox"/>
Specific Tender Keys (On POS)	<input checked="" type="checkbox"/>
Tax Amount (Bit 84)	<input type="checkbox"/>
Use MTX Receipts	REQUIRED
Void of Previous Transaction Void (MTX Sequence #)	Mark tender section above
Void of tender within Order	Mark tender section above
Zip Code (Bit 93)	<input type="checkbox"/>

Response Codes	Supported?
AA - Approved	REQUIRED
AB - Approved Offline	<input checked="" type="checkbox"/>
AC - Approved ECC Converted	<input type="checkbox"/>
NB - Declined (Soft, Resubmit), Insufficient Funds - Balance Remaining on Card (EBT/GC Only)	<input type="checkbox"/>
NC - Declined (Soft, Override), Invalid Cashback	<input type="checkbox"/>
ND - Declined (Hard)	REQUIRED
NF - Declined (Soft, Override)	<input type="checkbox"/>
NH - Declined (Hard), Host Down	<input type="checkbox"/>
NI - Declined (Soft, Reswipe & PIN), Void Needs PIN & Swipe	<input type="checkbox"/>
NM - Declined (Soft, Reenter) Manager ID	<input type="checkbox"/>
NO - Declined (Soft, Override)	<input type="checkbox"/>
NP - Declined (Soft, Reenter) Reenter PIN	<input type="checkbox"/>
NR - Declined (Soft, Override)	<input type="checkbox"/>
NV - Declined (Soft, Resubmit) Voice Auth/Force	Mark tender section above

POS Feature	Supported?
POS supports use of Customer Terminal	REQUIRED
POS attached Card Reader (Other than Customer Terminal) (Bit 18)	<input type="checkbox"/>
POS attached PIN Entry device (Other than Customer Terminal) (Bit 35)	<input type="checkbox"/>

Comments:

Items to take note of:

1. Does not support Generic Tender Key - Exception made since this is a limited data set self checkout unit.
2. Manual Card data entry is not supported.
3. All declines are handled as hard declines.
4. POS entry of cashback - MTX was unable to verify with available hardware configuration. Customer entered cashback through pinpad was validated.