

-  *Connected Payments*
-  *Release Notes*
-  *Release 2.9*
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## Connected Payments Release Notes

<b>Date of Issue</b>	<b>Product Identification Number</b>	<b>Part Number</b>	<b>Brief Description</b>
February 2008	45001/112	89000428	Release 2.6
June 2008	45001/112	89000445	Release 2.7
July 2008	45001/112	89000460	Release 2.8
September 2008	45001/112	89000474	Release 2.9

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# Section 1

## Connected Payments Fixed Issues and Enhancements

### Server Changes

Enhancement	Description
1. SendMessageSEPS.exe utility for OpenEPS Direct	<ul style="list-style-type: none"> <li>• New Utility</li> <li>• The SendMessageSEPS.exe allows the ServerEPS End of Day to be called from a Windows PC.</li> <li>• This application requires the company and store number be properly set up in the registry. This is commonly accomplished by running the ServerEPS installation on the PC.</li> <li>• <a href="#">See Section 2 for additional information.</a></li> </ul>
2. Duplicate checking for offline forwards	<ul style="list-style-type: none"> <li>• Enhancement</li> <li>• Duplicate checking logic has been added to offline forward transactions to prevent the same offline file from being forwarded multiple times from OpenEPS.</li> <li>• Duplicate offline forwards from OpenEPS lanes are now declined with a Jb316 decline code.</li> <li>• Duplicate checking is based on the transaction's Company Number, Store Number, STAN/Original STAN, first 6 and last 4 digits of the PAN, Transaction Amount, and Processing Code. Only the current day's transactions are checked for duplicates.</li> </ul>
3. Improved sorting for the Credit to Debit Activity Log	<ul style="list-style-type: none"> <li>• Enhancement</li> <li>• The Credit to Debit Activity Log report (TRN05) has been updated so that the transaction list is now able to be sorted by the Amount, Approved, and Offline columns.</li> </ul>
4. Declined Transaction Log displays velocity information	<ul style="list-style-type: none"> <li>• Enhancement</li> <li>• The Declined Transaction Log (TRN02) has been enhanced to display velocity information for any transaction that receives a velocity-related decline.</li> <li>• The velocity data received from the host is displayed in a separate report line under the transaction to which it is attached.</li> </ul>

Section 1 – Connected Payments Fixed Issues and Enhancements  
Server Changes

Enhancement	Description
5. Added new Host Settlement Exception report	<ul style="list-style-type: none"> <li>• Enhancement</li> <li>• A new Host Settlement Exception Report (HST02) has been added to the Web Services interface.</li> <li>• This report gives a summary of just the variances from the Host Settlement report.</li> </ul>
6. BIN Service integrates multiple BIN providers	<ul style="list-style-type: none"> <li>• Enhancement</li> <li>• The BIN Service has been enhanced to merge BIN files acquired from multiple BIN providers to provide more complete FSA and Debit BIN files to the POS lanes.</li> </ul>
7. Added new Override Log Report	<ul style="list-style-type: none"> <li>• Enhancement</li> <li>• A new Override Log Report (TRN30) has been added to the Web Services interface.</li> <li>• This report lists all overridden transactions along with the declined information from the original transaction</li> </ul>
8. Virtual Terminal support of Multi-Store	<ul style="list-style-type: none"> <li>• Enhancement</li> <li>• Virtual Terminal has been enhanced to support logging into multiple store numbers from a single installation.</li> <li>• VT has an option on its Engine configuration tab labeled “Multi-Store Functionality”. When this option is checked, a new Store Number option box will be available when signing on.</li> <li>• This feature is of particular use in a corporate environment where it can be used to enter transactions for multiple store locations from the central office.</li> <li>• This option does not allow the configuration of the Company Number; the company number will still be drawn from the PC registry. As such, this Multi-Store option can only be used to sign on to different stores within the same company.</li> <li>• <a href="#">See Section 2 for additional Information.</a></li> </ul>
9. OpenEPS Direct Linux Support	<ul style="list-style-type: none"> <li>• Enhancement</li> <li>• OpenEPS has been updated to offer the OpenEPS Direct solution in a Linux environment.</li> <li>• The Linux shared objects provide the same functionality for the OpenEPS Direct solution as the windows versions.</li> <li>• <a href="#">See Section 2 for additional Information.</a></li> </ul>

DE  
86

DE  
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## Stand Beside Solutions

### VeriFone Vx570

Enhancement	Description
10. -No Change-	<ul style="list-style-type: none"><li data-bbox="570 470 639 485">• ---</li></ul>

## Host Changes

### ACI

Enhancement	Description
1. ACI Host Module	<ul style="list-style-type: none"> <li>• New Host</li> <li>• ACI has been added as a supported host to the Web Service interface.</li> <li>• The ACI host supports Private Debit and Check tender types.</li> <li>• <a href="#">See Section 2 for additional information.</a></li> </ul>

### Chase Paymentech

Enhancement	Description
1. -No Change to Host -	<ul style="list-style-type: none"> <li>• ---</li> </ul>

### Concord: H&C Format

Enhancement	Description
2. -No Change to Host -	<ul style="list-style-type: none"> <li>• ---</li> </ul>

### MPS (Fifth Third)

Enhancement	Description
1. -No Change to Host -	<ul style="list-style-type: none"> <li>• ---</li> </ul>

## Shazam

Enhancement	Description
1. -No Change to Host -	<ul style="list-style-type: none"><li>---</li></ul>

## Solupay/Echo

Enhancement	Description
1. Solupay Velocity Information available on Declined Transaction Report	<ul style="list-style-type: none"><li>Enhancement</li><li>Velocity data received from Solupay is stored by ServerEPS and is available as part of the Declined Transaction Report.</li></ul>

# Section 2

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## New Features

### SendMessageSEPS.exe Utility

The SendMessageSEPS.exe allows the ServerEPS End of Day to be called from a Windows PC that will generally reside in the store where the end of day is to take place. This application is commonly used as part of an end of day batch file run at the store so as to synchronize the POS back office end of day with the Web Services end of day.

The SendMessageSEPS.exe takes no command line parameters; it draws the company number and store number for the location from the Windows registry; therefore, the PC on which SendMessageSEPS is run must either be a POS lane on which the OpenEPS direct solution has already been installed, or another PC on which the OpenEPS direct solution was installed. See the installation guide for information on installing the OpenEPS Direct solution.

To successfully call an end of day, the store's Web Services profile must have been set to "manual" by MTXEPS. If a store is set to manual it will not close automatically and this application must be used to initiate an end of day.

## Virtual Terminal Multi-Store Functionality

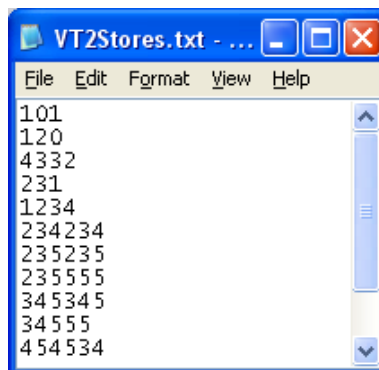
Virtual Terminal has been enhanced to support logging into multiple store numbers from a single installation.

The Multi-Store Functionality checkbox allows Virtual Terminal to log on as a lane from the store specified during sign on. When this option is not checked Virtual Terminal uses the store number specified in the original installation and stored in the windows registry.

When this option is checked, a Store Number Option box will become available during the VT sign on process:



The store number may be entered by typing in the box, or may be selected from the dropdown box. The dropdown box is populated from the list of store numbers contained in the VT2Stores.txt file:



The VT2Stores.txt must be manually created by the user. Once created it must be placed into the \Program Files\MicroTrax\OpenEPS directory that contains the Virtual Terminal application (VT2.exe).

This option does not allow the configuration of the Company Number; the company number will still be drawn from the PC registry. As such, this Multi-Store option can only be used to sign on to different stores within the same company.

## OpenEPS Direct for Linux

The OpenEPS Shared Object files for Linux have been updated to support the OpenEPS Direct solution. OpenEPS Direct is only supported for the Red Hat Linux 7.2 version.

To implement OpenEPS with Linux follow the steps below:

1. Install the Linux OpenEPS Shared Object files as normal. This includes placing the libmtx\_eps.so in the /usr/local/OpenEPS directory and the libmtx\_pos.so in the /Winpos/drv32/ directory on the POS lane.
2. Place the Setup.Txt file into the /usr/local/OpenEPS directory.
3. Edit the Setup.Txt file to include the line:  
USEWEBSERVICE=Y
4. Once the shared objects and Setup.Txt are installed, a text file named seps.conf must be created and placed into the /etc/ directory. The file should contain the following lines:  
CompanyNumber=XXXX  
StoreNumber=XXXX  
Where XXXX are the company and store numbers assigned to the store location you are installing.

In addition to the above, you may need to install additional libraries if the Linux version the POS is installed on has less than the full installation of Red Hat.

# ACI

	Purchase / GC Redeem	Purch w/ CB	Cash Back Only	Return	Force [Voice/ Voucher]	Return Voucher	Balance Inquiry	Activation	Deactivation	Recharge	PreAuth / Completion
ACH	X	X	X	X	X	NA	NA	NA	NA	NA	X
Check (Electronic Check Conversion)	X	X	X	NA	X	NA	NA	NA	NA	NA	NA
Check (Standard)	B	B	B	NA	X	NA	NA	NA	NA	NA	NA
Connect Pay	X	NA	NA	X	NA	NA	NA	NA	NA	NA	NA
Credit Card	X	X	NA	X	X	NA	NA	NA	NA	NA	X
Debit	X	X	X	X	NA	NA	NA	NA	NA	NA	X
EBT – Cash	X	X	X	X	X	NA	O	NA	NA	NA	X
EBT – Food Stamp	X	NA	NA	X	X	NA	O	NA	NA	NA	NA
Fleet	X	NA	NA	X	X	NA	NA	NA	NA	NA	X
Gift Card	X	NA	NA	X	X	NA	O	X	X	X	X
Phone Card	NA	NA	NA	NA	NA	NA	NA	X	X	X	NA
Private Credit	X	X	X	X	NA	NA	NA	NA	NA	NA	X
Private Debit	B (V)	B (V)	B (V)	B (V)	NA	NA	NA	NA	NA	NA	X
Wireless	NA	NA	NA	NA	NA	NA	NA	X	X	X	NA

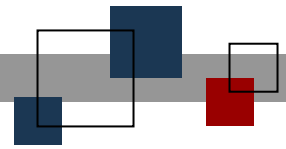
<b>Legend:</b>	
O	– Online only
B	– Both On & Offline
B/Disc	– As B, with Discover Card only
(V)	– Transaction Can be Voided
(VO)	– Can be Voided Online Only
X	– Not Supported
NA	– Not Applicable to Transaction Type

## Additional Information

The following check types are supported:

- 01 Check Type
- 00 Personal Check
- 01 Payroll Check
- 02 Government Check
- 03 Business Check
- 05 WIC Check





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