

## Technical Bulletin

### Connected Payments Installation Hints

CP-TECH-08:03  
February 5, 2008

You'll find the following information useful when installing the store-level Connected Payments components.

#### DIAL-BACKUP ISP SELECTION

When selecting your ISP for your dial backup line it's critical to ensure the following:

1. Some ISPs require the installation a "third party" applications that prompt for a login to authenticate and allow access to the Internet. Such ISPs are not viable for use in automated applications (such as the Proxy Client) that must immediately gain access to the Internet to route payment transactions to the Connected Payment Host. ISPs that are currently unsuitable include NetZero, AOL and others.
2. While it is impossible to list all of the viable ISPs, please ensure that the ISP you select does not require any kind of "third party" dialing software and does not perform any re-directing to initial web pages upon connection to the Internet.
3. Any ISP that allows your RAS connection to access the Internet in a "native" manner should work well with automated processes such as the Proxy Client.

#### DIAL-BACKUP PC SELECTION

When designating a PC in the store to provide the Dial-Backup capability (installed with the Proxy Client), please take the following into consideration:

1. If that PC is either configured or is required to have more than one (1) IP address, then each IP address must be associated with a single network interface card (NIC). Again, each IP address must have its own dedicated NIC.
2. One cannot "multi-hone" a single NIC with multiple IP addresses on the PC that is running the Proxy Client.

#### ENABLING INTERNET ACCESS TO ALL LANES

Since in the Connected Payments architecture the POS lanes communicate directly to the Connected Payments host, important considerations attend extending this required Internet access to each lane:

1. OpenEPS-Direct – which is the component deployed at each POS lane – requires an outbound connection to relay the payment transactions to the Connected Payments host.
2. When setting up a router/firewall in a Connected Payments store, the following inbound connections must be enabled in order to support the automated delivery of BIN file and other support and update functions. These ports are listed below for you convenience:

This document and information are supplied to StoreNext Retail Technologies personnel and third parties to assist them in doing business with StoreNext. They are not to be used or distributed for any other purpose.

StoreNext Retail Technologies LLC endeavors to ensure that the information in this document is correct and fairly stated, but does not accept liability for any error or omission.

URL	PORT		IN/OUT	USED FOR...
Trn1.serverEPS.com	443	80	IN/OUT	Transaction processing at DC1
Trn2.serverEPS.com	443	80	IN/OUT	Transaction processing at DC2
Svc1.serverEPS.com	443		IN/OUT	Direct OpenEPS Services DC1
Svc2.serverEPS.com	443		IN/OUT	(does not currently exists but will someday)
<a href="http://www.servereps.com">www.servereps.com</a>	80		OUT	Web Application/Dashboard
REC1.mtxeps.com	443		OUT	Receipt Lookup
REC2.mtxeps.com	443		OUT	(does not currently exists but will someday)
Bin1.mtxeps.com	6260		IN/OUT	Download BIN files from DC1
Bin2.mtxeps.com	6260		IN/OUT	Download BIN files from DC2

## LAUNCHING RAS

After installing and configuring the RAS connection in Windows – but prior to testing the Proxy Client Dial-Backup – you need to confirm that the connection will not be redirected to any initial Web pages. To make sure, launch the RAS connection manually via Windows and attempt to connect to [www.storenext.com](http://www.storenext.com).

## ENABLING DIAL-BACKUP

To enable dial-backup after the installation is complete, you must launch the TransactionProxyClientConfig.exe manually (see the *Connected Payments Installation Guide*) and check the “Enable Dial-Backup” check-box and enter the RAS profile, username, and password provided by the ISP.

1. After inputting the RAS information and enabling dial-backup, use the “Test” button to confirm that the Proxy Client will dial the ISP as configured and expected.
2. To further simplify the confirmation process in the future, enhancements to the current Test Connectivity Utility are planned that will facilitate testing and validating the ISP connection and enabling Internet access with no additional authentication and/or redirections.

